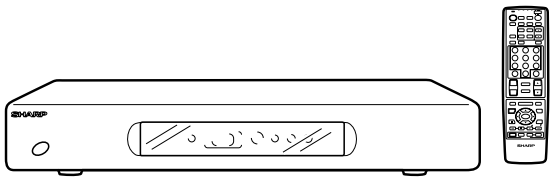
SHARP SERVICE MANUAL

S12F4PZ50MR2U



PLASMA DISPLAY TV
(AVC SYSTEM)

MODELS PZ-MR2T PZ-43MR2U PZ-50MR2U

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

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SHARP CORPORATION

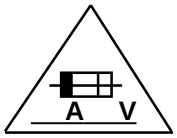
This document has been published to be used for after sales service only.
The contents are subject to change without notice.

IMPORTANT SERVICE SAFETY PRECAUTION

■ **Service work should be perfomed only by qualified service technicians who are thoroughly familiar with all safety checks and the servicing guidelines which follow:**

WARNING

1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.



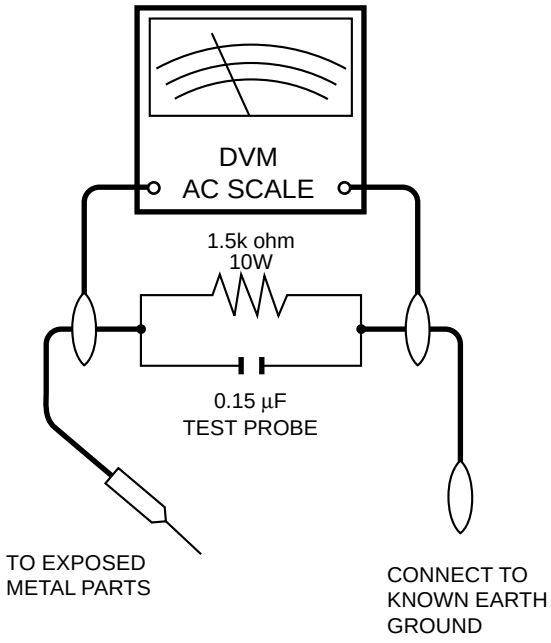
CAUTION: FOR CONTINUED PROTECTION AGAINST A RISK OF FIRE REPLACE ONLY WITH SAME TYPE FUSE. F701 (T2A, 250V), F702 (T2A, 250V), F1702 (T4AL, 250V) FUSE.

BEFORE RETURNING THE RECEIVER (Fire & Shock Hazard)

Before returning the receiver to the user, perform the following safety checks:

1. Inspect all lead dress to make certain that leads are not pinched, and check that hardware is not lodged between the chassis and other metal parts in the receiver.
2. Inspect all protective devices such as non-metallic control knobs, insulation materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
3. To be sure that no shock hazard exists, check for leakage current in the following manner.

- Plug the AC cord directly into a 110~240 volt AC outlet, and connect the DC power cable into the receiver's DC jack. (Do not use an isolation transformer for this test).
- Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15µF capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to an earth ground.
- Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity or measure the AC voltage drop across the resisor.
- Connect the resistor connection to all exposed metal parts having a return to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon, etc.) and measure the AC voltage drop across the resistor.
  All checks must be repeated with the AC cord plug connection reversed. (If necessary, a nonpolarized adaptor plug must be used only for the purpose of completing these checks.)
  Any reading of 35V peak (this corresponds to 0.7 milliamp. peak AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the monitor to the owner.



SAFETY NOTICE

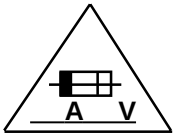
Many electrical and mechanical parts in Plasma Display television have special safety-related characteristics. These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage, etc.
Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by " ⚠ " and shaded areas in the ***Replacement Parts List*** and ***Schematic Diagrams***.
For continued protection, replacement parts must be identical to those used in the original circuit.
The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire or other hazards.

PRECAUTIONS A PRENDRE LORS DE LA REPARATION

■ Ne peut effectuer la réparation qu' un technicien spécialisé qui s'est parfaitement accoutumé à toute vérification de sécurité et aux conseils suivants.

AVERTISSEMENT

1. N'entreprendre aucune modification de tout circuit. C'est dangereux.
2. Débrancher le récepteur avant toute réparation.



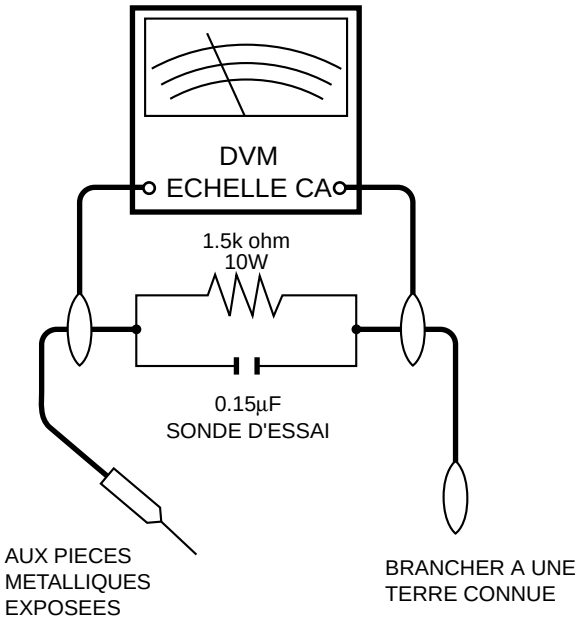
PRECAUTION: POUR LA PROTECTION CONTINUE CONTRE LES RISQUES D'INCENDIE, REMPLACER LE FUSIBLE PAR UN FUSIBLE DE MEME TYPE F701 (T2A, 250V), F702 (T2A, 250V), F1702 (T4AL, 250V).

VERIFICATIONS CONTRE L'INCEN-DIE ET LE CHOC ELECTRIQUE

Avant de rendre le récepteur à l'utilisateur, effectuer les vérifications suivantes.

1. Inspecter tous les faisceaux de câbles pour s'assurer que les fils ne soient pas pincés ou qu'un outil ne soit pas placé entre le châssis et les autres pièces métalliques du récepteur.
2. Inspecter tous les dispositifs de protection comme les boutons de commande non-métalliques, les isolants, le dos du coffret, les couvercles ou blindages de réglage et de compartiment, les réseaux de résistance-capacité, les isolateurs mécaniques, etc.
3. S'assurer qu'il n'y ait pas de danger d'électrocution en vérifiant la fuite de courant, de la facon suivante:

- Brancher le cordon d'alimentation directem-ent à une prise de courant de 110-240V. (Ne pas utiliser de transformateur d'isolation pour cet essai).
- A l'aide de deux fils à pinces, brancher une résistance de 1.5 kΩ 10 watts en parallèle avec un condensateur de 0,15µF en série avec toutes les pièces métalliques exposées du coffret et une terre connue comme une conduite électrique ou une prise de terre branchée à la terre.
- Utiliser un voltmètre CA d'une sensibilité d'au moins 5000Ω/V pour mesurer la chute de tension en travers de la résistance.
- Toucher avec la sonde d'essai les pièces métalliques exposées qui présentent une voie de retour au châssis (antenne, coffret métallique, tête des vis, arbres de commande et des boutons, écusson, etc.) et mesurer la chute de tension CA en-travers de la résistance. Toutes les vérifications doivent être refaites après avoir inversé la fiche du cordon d'alimentation. (Si nécessaire, une prise d'adpatation non polarisée peut être utilisée dans le but de terminer ces vérifications.)
  Tous les courants mesurés ne doivent pas dépasser 0,5 mA.
  Dans le cas contraire, il y a une possibilité de choc électrique qui doit être supprimée avant de rendre le récepteur au client.



AVIS POUR LA SECURITE

De nombreuses pièces, électriques et mécaniques, dans les téléviseurs présentent des caractéristiques spéciales relatives à la sécurité, qui ne sont souvent pas évidentes à vue. Le degré de protection ne peut pas être nécessairement augmentée en utilisant des pièces de remplacement étalonnées pour haute tension, puissance, etc.
Les pièces de remplacement qui présentent ces caractéristiques sont identifiées dans ce manuel; les pièces électriques qui présentent ces particularités sont identifiées par la marque " ⚠ " et hachurées dans la liste des pièces de remplacement et les diagrammes schématiques.
Pour assurer la protection, ces pièces doivent être identiques à celles utilisées dans le circuit d'origine. L'utilisation de pièces qui n'ont pas les mêmes caractéristiques que les pièces recommandées par l'usine, indiquées dans ce manuel, peut provoquer des électrocutions, incendies, radiations X ou autres accidents.

Specifications

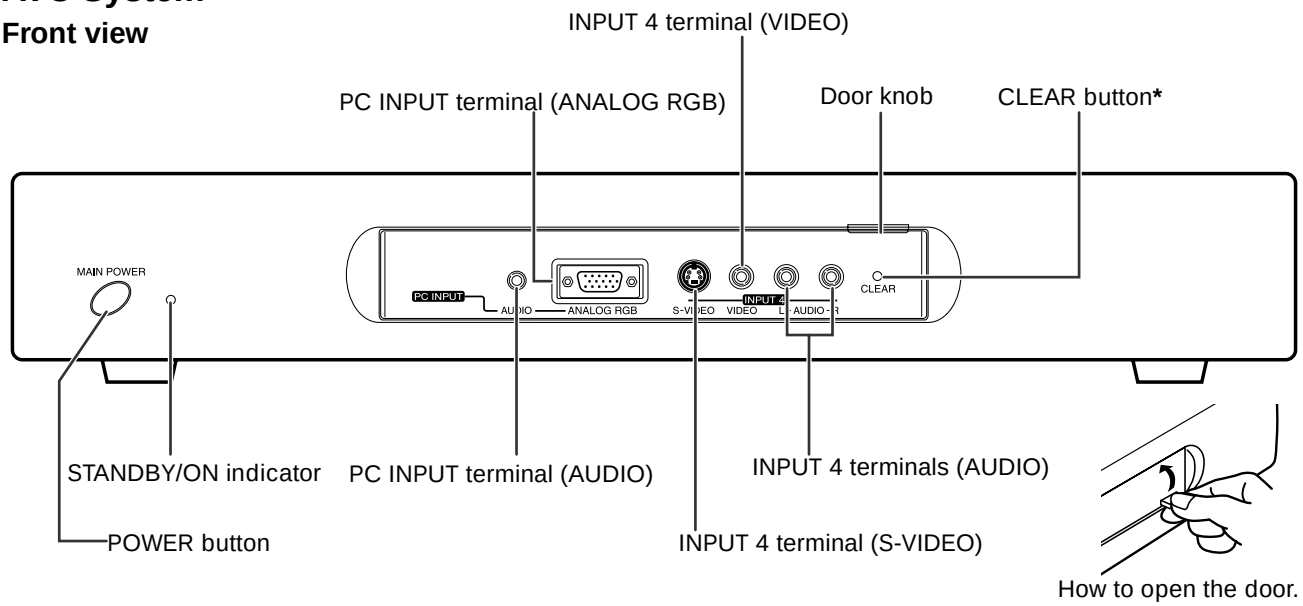
Item			AVC System, Model: PZ-50MR2U, PZ-43MR2U, PZ-MR2T
Color System			American TV standard NTSC system
TV Function	Cercuit type		PLL full synchronous detection, PLL digital synthesizer system
	Tuner	VHF/UHF	VHF 2–13ch, UHF 14–69ch
		CATV	1–125ch
	Audio multiplex		BTSC system
Terminals	Rear	INPUT 1	S-VIDEO in, AV in, COMPONENT in
		INPUT 2	S-VIDEO in, AV in
		INPUT 3	S-VIDEO in, AV in, COMPONENT in, RGB in
		Antenna	75 Ω UNBAL, F Type for VHF/UHF/CATV in
	Front	INPUT 4	S-VIDEO, AV in
		PC INPUT	15 Pin mini D-Sub, Audio in
Monitor Out Terminal		Rear	S-VIDEO out, AV out, Audio (Variable, Fixed)
OSD Language			English/French/Spanish
Other Features			Picture & Picture, Still image, Dual Tuner System
Power Requirement			AC 110–240 V, 50/60 Hz, 40 W (0.6 W Standby)
Dimensions			$16\ ^{15}/_{16}$ (W) × $2\ ^{25}/_{32}$ (H) × 13 (D) inch (430 (W), 70 (H), 330 (D) mm)
Weight			9.7 lbs(4.4 kg)
Accessories			Power Cord, Remote control unit, Two AA size batteries, System Cable, Operation manual

- Design and specifications are subject to change without notice.

Operation Manual

AVC System

Front view



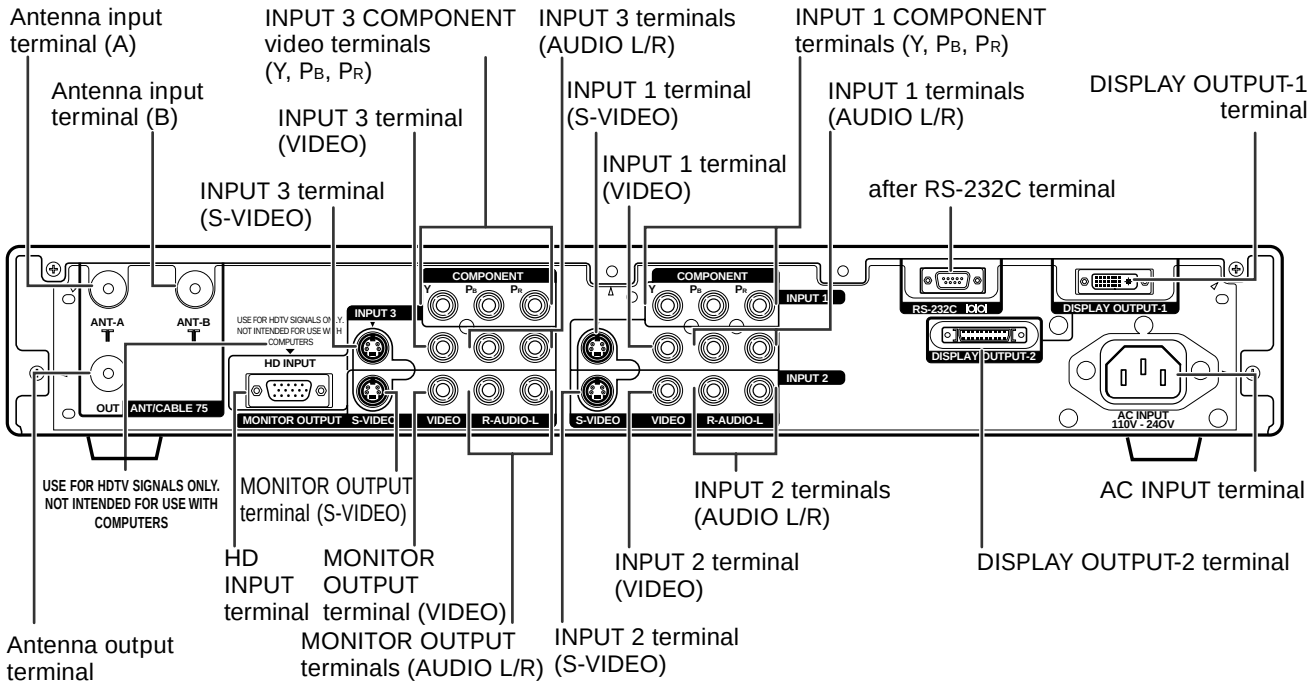
***** If you're having problems operating the AVC System and want to return to normal screen, even when it stays on (the indicator lights green), press **CLEAR** on the AVC System. Pressing **CLEAR** resets the System as shown below.

- AV MODE resets to STANDARD
- TV channel returns to initial channel setting(Air:2ch, Cable:1 or 2ch)
- Twin picture resets to normal
- Audio setting initializes
- SRS resets to Off.
- Image position initializes

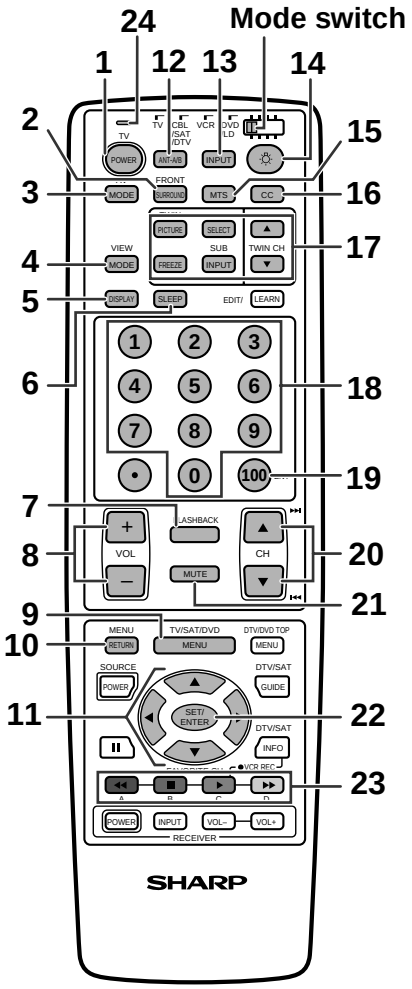
NOTE

- Pressing **CLEAR** will not work if the System is in standby mode (indicator lights red).
- Pressing **CLEAR** will not delete channel preset or secret number. See Page for initialising factory preset settings when you know your secret number. See Page for initialising factory preset values when you have forgotten your secret number.

Rear view



Remote control unit



NOTE

- When using the remote control unit, point it at the Plasma Display TV(Panel Unit).

Set the mode switch to TV.

1 **TV POWER:** Switch the Plasma Display TV power on or off.

2 **FRONT SURROUND:** Set SRS and FOCUS Sound System mode.

3 **AV MODE:**Select an audio or video setting.
(AV mode: ST ANDARD, DYNAMIC, MOVIE, GAME, USER.
PC mode: ST ANDARD, USER.)

4 **VIEW MODE:** Select the scr een size.

5 **DISPLAY:**Display the channel information.

6 **SLEEP:**Set the SLEEP timer.

7 **FLASHBACK:** Return to the previous channel or input external mode.

8 **VOL +/−:** Set the volume.

9 **MENU:**Display the menu screen.

10 **MENU RETURN:** Return to the previous menu screen.

11 **▲/▼/◀/▶:** Select a desired item on the setting screen.

12 **ANT-A/B:** Select the antenna. (A, B)

13 **INPUT:** Select an input sour ce of the Plasma Display TV. (TV, INPUT 1, INPUT 2, INPUT 3, INPUT 4, PC)

14 ☼**:** When pressed all buttons on the remote control unit will light. The lighting will turn off if no operations are performed within about 5 seconds. This button is used for performing operations in dark places.

15 **MTS:** Select the MTS/SAP.

16 **CC:** Display captions during closed-caption source.

17 **TWIN CH buttons**
TWIN PICTURE: Set the twin picture mode.
Press again to return to normal screen.
FREEZE: Set the still image. Press again to return to normal screen.
SELECT: Select the active screen.
SUB INPUT: Select an input sour ce of sub screen.
TWIN CH ▲/▼: Select the channel of sub screen.

18 **0** – **9:** Set the channel.

19 **100 ENT:** Select the three digit mode. Execute a command of the channel.

20 **CH ▲/▼:** Select the channel.

21 **MUTE:** Mute the sound.

22 **SET/ENTER:** Execute a command.

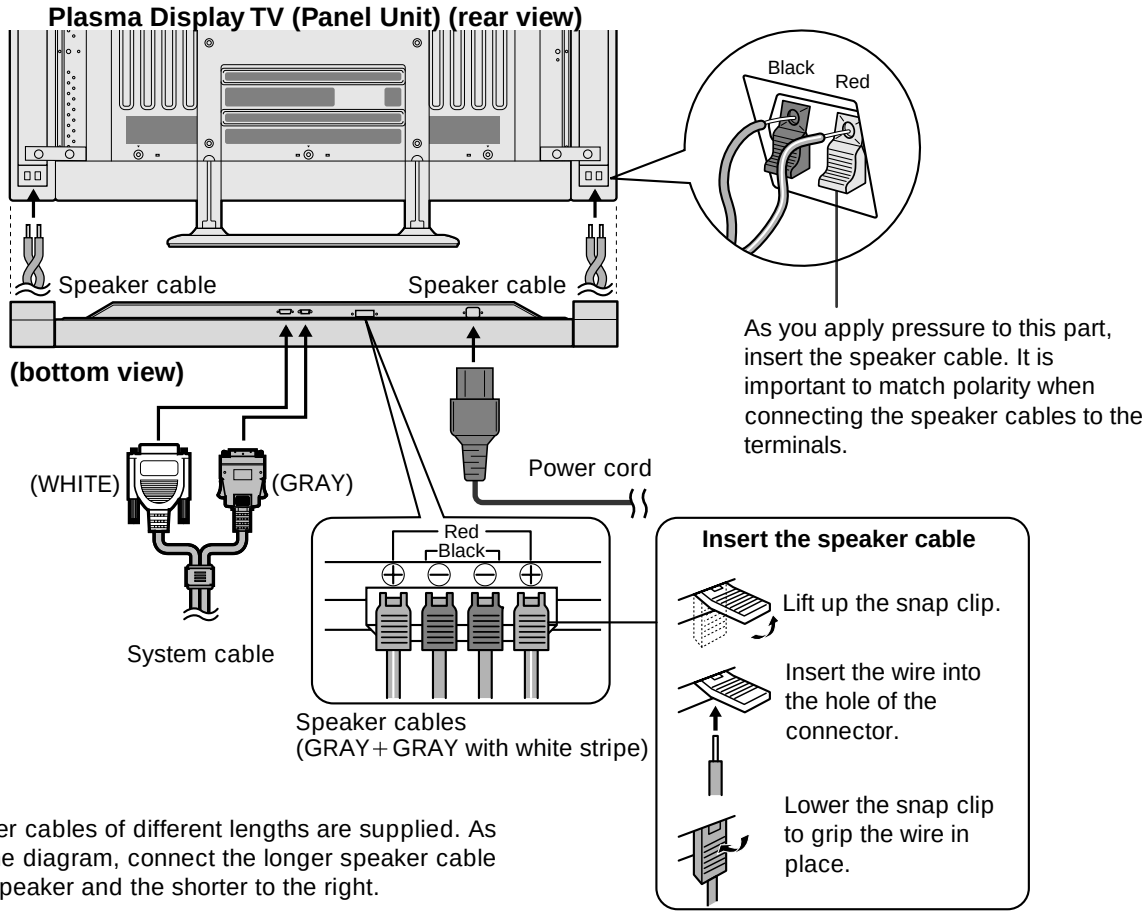
23 **FAVORITE CH**
A, **B**, **C**, **D:** Select any of four preset channels. (See page for details to set the FAVORITE CH.)
While watching you can toggle the set channels by pressing A, B, C and D.

24 **LED for transmission confirmation**

Preparation

Connecting the system

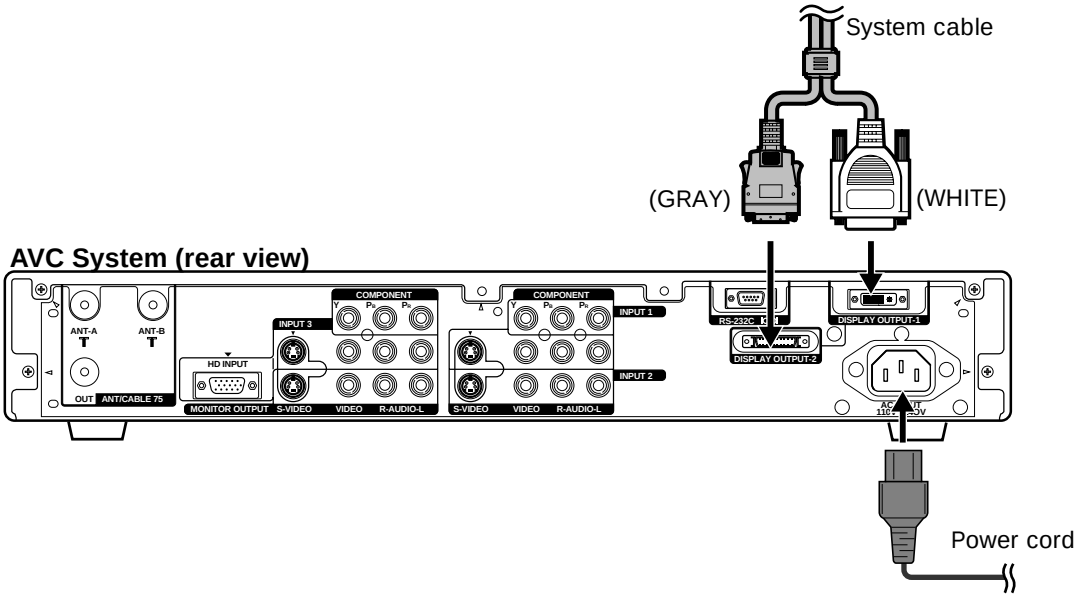
1. Connecting the system cable, the power cord and the speaker cables to the Plasma Display TV (Panel Unit)


Plasma Display TV (Panel Unit) (rear view)
Black
Red
Speaker cable
Speaker cable
As you apply pressure to this part, insert the speaker cable. It is important to match polarity when connecting the speaker cables to the terminals.
(bottom view)
(WHITE)
(GRAY)
Power cord
Red
Black
System cable
Speaker cables
(GRAY + GRAY with white stripe)
Insert the speaker cable
Lift up the snap clip.
Insert the wire into the hole of the connector.
Lower the snap clip to grip the wire in place.

NOTE

- Two speaker cables of different lengths are supplied. As shown in the diagram, connect the longer speaker cable to the left speaker and the shorter to the right.

2. Connecting the system cable and the power cord to the AVC System



CAUTION

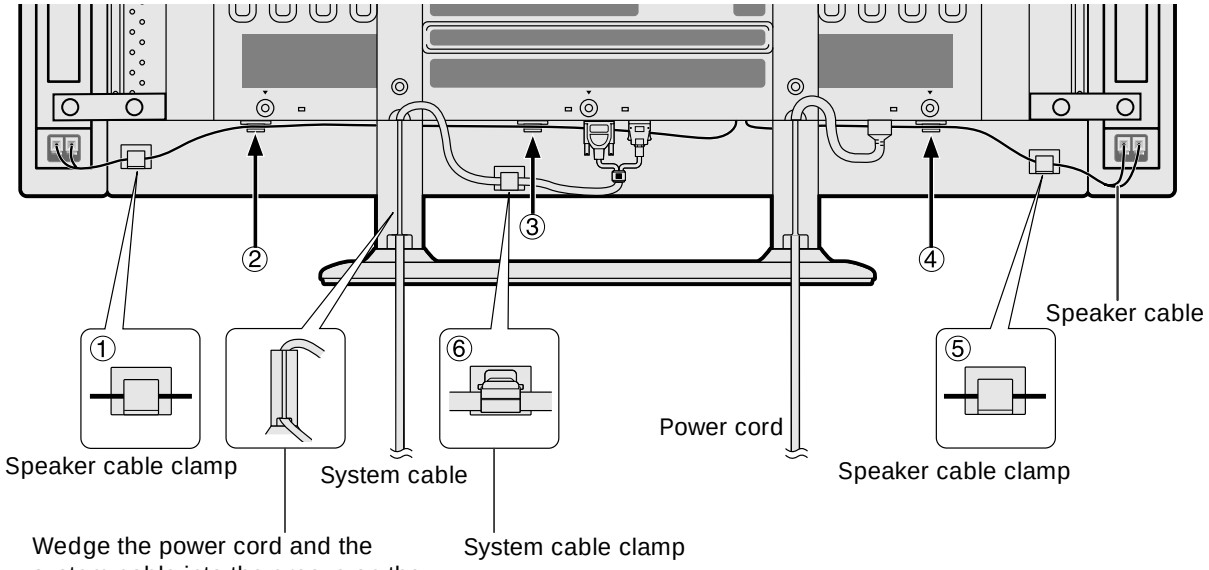
- **TO PREVENT RISK OF ELECTRIC SHOCK, DO NOT TOUCH UN-INSULATED PARTS OF ANY CABLES WITH THE POWER CORD CONNECTED.**

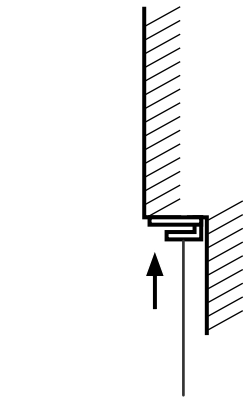
preparation

How to route cables

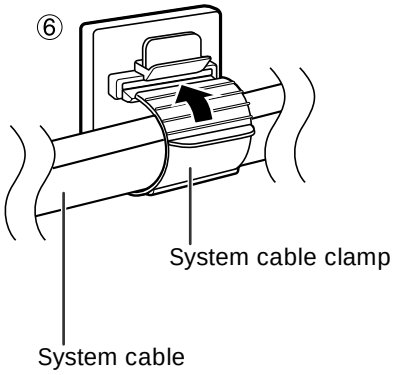
A system cable clamp and five speaker cable clamps are included with the system for cable management. Follow the diagram below for correct cable management.

As viewed from the rear of the display.





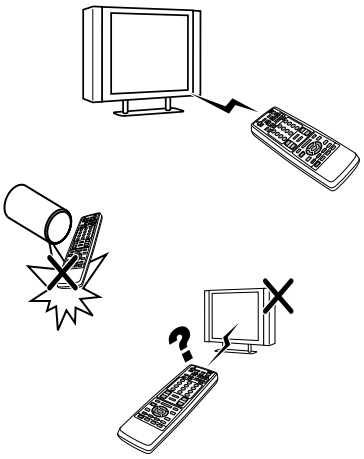
Stick the speaker cable clamps (② – ④) to the surface as shown.



preparation

Using the remote control unit

Use the remote control unit by pointing it towards the remote sensor window. Objects between the remote control unit and sensor window may prevent proper operation.



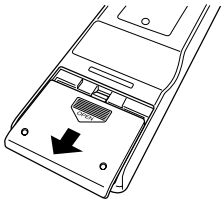
Cautions regarding remote control unit

- Do not expose the remote control unit to shock. In addition, do not expose the remote control unit to liquids, and do not place in an area with high humidity.
- Do not install or place the remote control unit under direct sunlight. The heat may cause deformation of the unit.
- The remote control unit may not work properly if the remote sensor window of the Plasma Display TV(Panel Unit) is under direct sunlight or strong lighting. In such case, change the angle of the lighting or Plasma Display TV(Panel Unit), or operate the remote control unit closer to the remote sensor window.

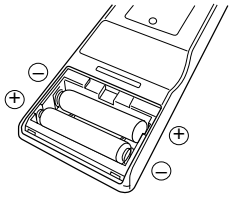
Inserting the batteries

If the remote control unit fails to operate Plasma Display TV functions, replace the batteries in the remote control unit.

1 Open the battery cover.

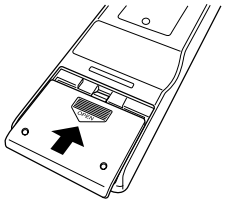


2 Insert batteries (two AA size batteries, supplied with product).



- Place batteries with their terminals corresponding to the (+) and (–) indicators in the battery compartment.

3 Close the battery cover.



Cautions regarding batteries

Improper use of batteries can result in chemical leakage or explosion. Be sure to follow the instructions below.

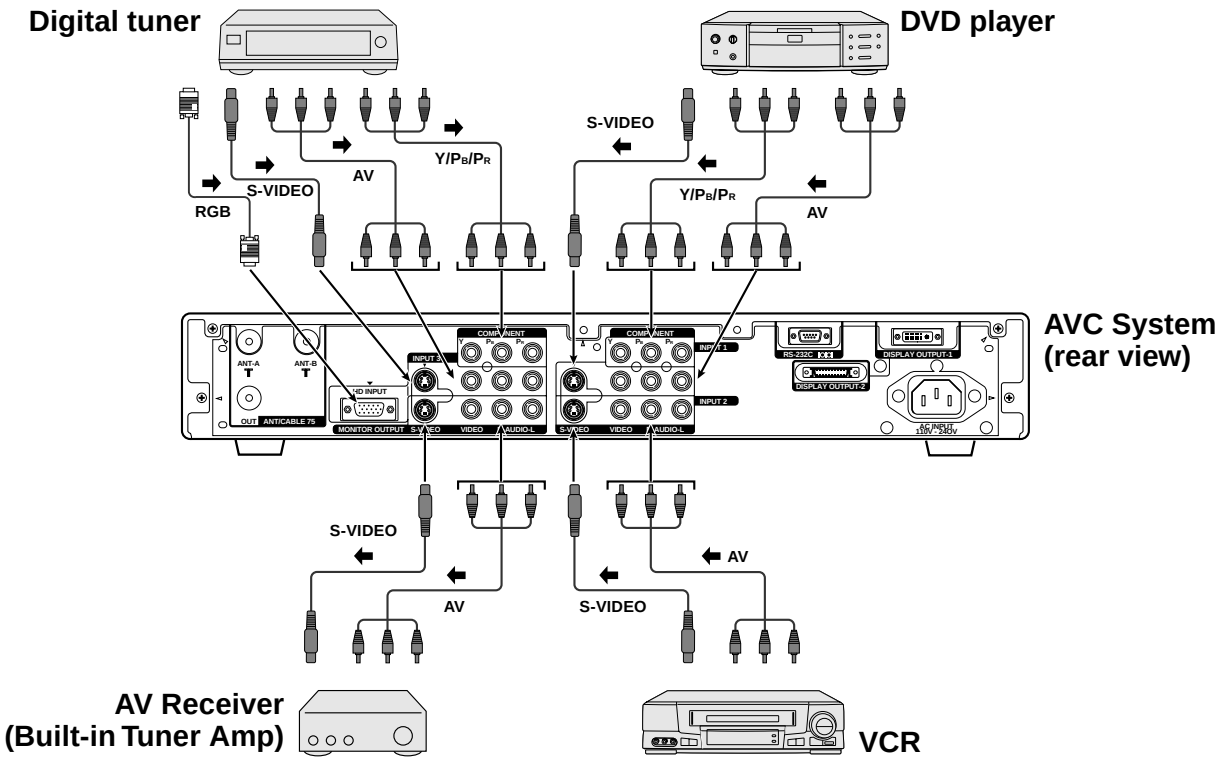
- Do not use manganese batteries. When you replace the batteries, use alkaline ones.
- Place the batteries with their terminals corresponding to the (+) and (–) indicators.
- Do not mix batteries of different types. Different types of batteries have different characteristics.
- Do not mix old and new batteries. Mixing old and new batteries can shorten the life of new batteries or cause chemical leakage in old batteries.
- Remove batteries as soon as they have worn out. Chemicals that leak from batteries can cause a rash. If you find any chemical leakage, wipe thoroughly with a cloth.
- The batteries supplied with this product may have a shorter life expectancy due to storage conditions.
- If you used the remote control unit for an extended period of time, remove the batteries from it.

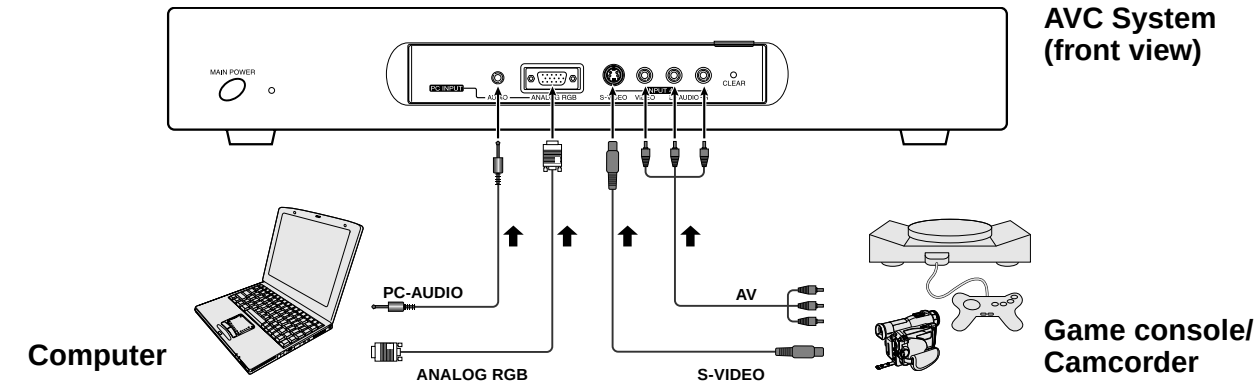
⚠ CAUTION

- **WHEN DISPOSING OF USED BATTERIES, PLEASE COMPLY WITH GOVERNMENTAL REGULATIONS OR ENVIRONMENTAL PROTECTION GUIDELINES THAT APPLY IN YOUR COUNTRY OR AREA.**

Using external equipment

You can connect many types of external equipment to your Plasma Display TV, like a DVD player, VCR, Digital tuner, computer, game console and camcorder. To view external source images, select the input source from **INPUT** on the remote control unit or on the Plasma Display TV(Panel Unit).





CAUTION

- To protect all equipment, always turn off the AVC System before connecting to a DVD player, VCR, Digital tuner, computer, game console, camcorder or other external equipment.

NOTE

- Please refer to the relevant operation manual (DVD player, computer, etc.) carefully before making connections.

Appendix

RS-232C port specifications

Computer Control of the Plasma Display TV (Panel Unit)

- When a program is set, the display can be controlled from the computer using the RS-232C terminal. The input signal (computer/video) can be selected, the volume can be adjusted and various other adjustments and settings can be made, enabling automatic programmed playing.
- Attach an RS-232C cable cross-type (commercially available) to the supplied Din-D/sub RS-232C for the connections.

NOTE

- This operation system should be used by a person who is accustomed to using computers.

Communication conditions

Set the RS-232C communications settings on the computer to match the display's communications conditions. The display's communications settings are as follows:

Baud rate:	9,600 bps
Data length:	8 bits
Parity bit:	None
Stop bit:	1 bit
Flow control:	None

Communication procedure

Send the control commands from the computer via the RS-232C connector.
The display operates according to the received command and sends a response message to the computer.
Do not send multiple commands at the same time. Wait until the computer receives the OK response before sending the next command.

Command format

Eight ASCII codes + CR

Command 4-digits:Command. The text of four characters.
Parameter 4-digits:Parameter 0 – 9, x, blank, ?

Parameter

Input the parameter values, aligning left, and fill with blank(s) for the remainder. (Be sure that four values are input for the parameter.)
When the input parameter is not within an adjustable range, “ERR” returns. (Refer to “Response code format”.)
No problem to input any numerical value for “x” on the table.

0			
0	0	0	9
–	3	0	
1	0	0	
0	0	5	5

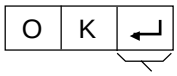
When “?” is input for some commands, the present setting value responds.

?			
?	?	?	?

Appendix

Response code format

Normal response



Return code (0DH)

Problem response (communication error or incorrect command)

Return code (0DH)

Command table

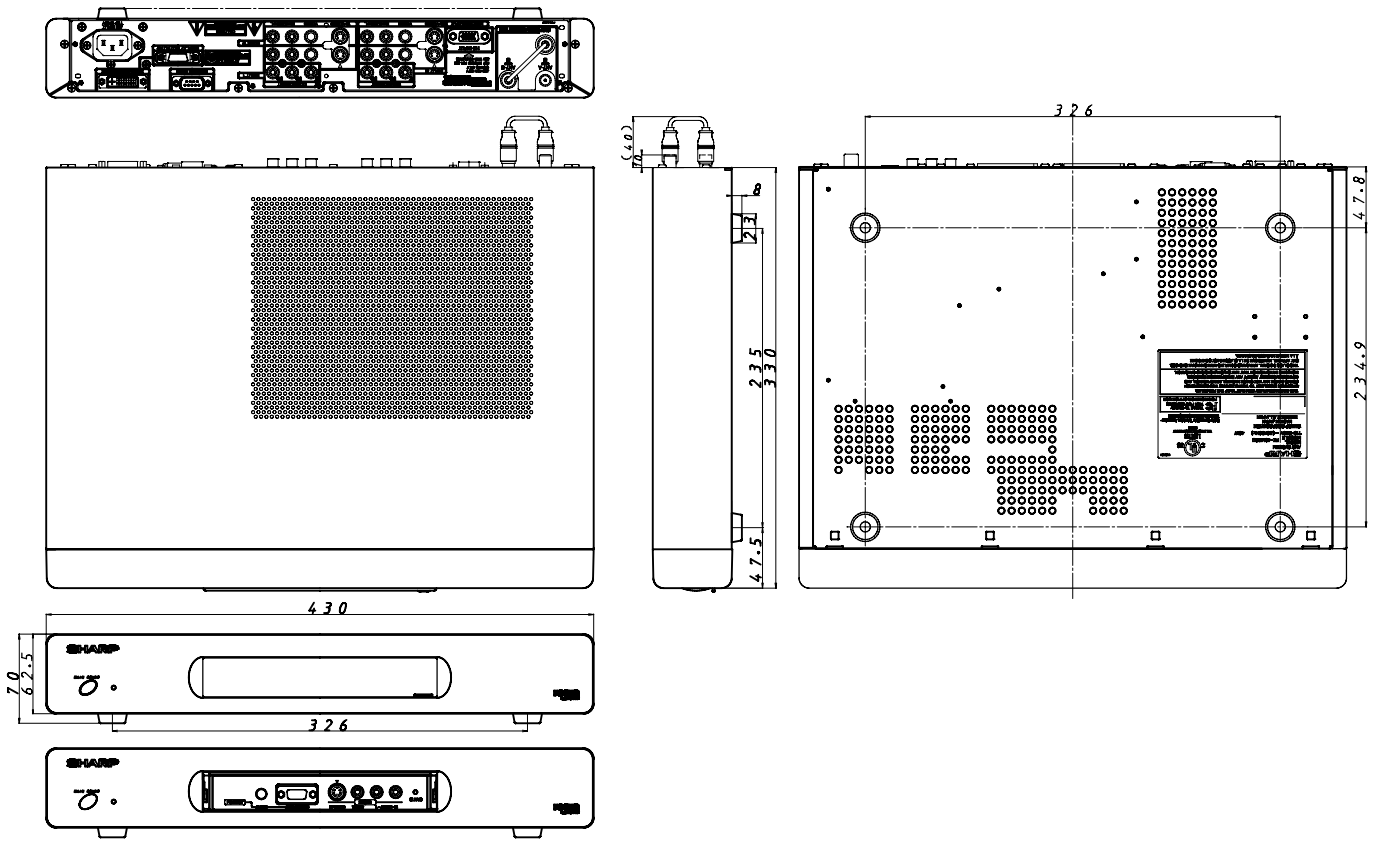
• About the command except being indicated here, it is outside the guarantee range of operation.

CONTROL ITEM		COMMAND	PARAMETER		CONTROL CONTENTS
POWER SETTING		PWRD	0___		It shifts to standby.
INPUT SELECTION A	TOGGLE	ITGD	x___	(Toggle)	It input-switches by the toggle. (It is the same as an input change key)
	TV	ITVD	0___		It input-switches to TV. (A channel remains as it is. (Last memory))
	INPUT1-4	IAVD	*___	Input terminal number (1–4)	It input-switches to INPUT1~INPUT4.
	PC	IPCD	x___		It input-switches to PC.
INPUT SELECTION B	INPUT 1	INP1	0___	**AUTO**	An input change is also included.
			1___	AV-Y/C	
			2___	COMPONENT	
	INPUT 3	INP3	0___	AUTO	
			1___	AV-Y/C	
			2___	COMPONENT	
			3___	RGB	
AV MODE SELECTION		AVMD	0___	(Toggle)	Although it can choose now, it is toggle operation in inside.
			1___	STANDARD	
			2___	DYNAMIC	
			3___	MOVIE	
			4___	GAME	
			5___	USER	
VOLUME		VOLM	**___	Volume (0–60)	
POSITION	H-POSITION	HPOS	***_	AV mode. (± 15)	
			***_	PC mode. (± 90)	
	V-POSITION	VPOS	***_	AV mode. (± 30)	
			***_	PC mode. (± 60)	
	CLOCK	CLCK	***_	Only PC mode. (± 90)	
	PHASE	PHSE	***_	Only PC mode. (± 20)	
WIDEMODE		WIDE	0___	(Toggle) [AV]	Although it can choose now, it is toggle operation in inside.
			1___	Side Bar [AV]	
			2___	S.Stretch [AV]	
			3___	Zoom [AV]	
			4___	Stretch [AV]	
			5___	Normal [PC]	
			6___	Full [PC]	
			7___	Dot by Dot [PC]	
			8___	Dot by Dot (W) [PC]	
SRS		SRSS	0___	**(Toggle)**	Toggle operation.
			1___	OFF	
			2___	SRS	
			3___	FOCUS	
			4___	FOCUS + SRS	
TWIN PICTURE		TWIN	0___	One screen	
			1___	Twin screens	
CHANNEL	DIRECT CHANNEL	DCCH	***_	The channel number of TV (1~125)	An input change is included if it is not TV display. In Air, 2–69ch is effective. In Cable, 1–125ch is effective.
	CH UP	CHUP	x___	The channel number of TV + 1	If it is not TV display, it will input-switch to TV.
	CH DOWN	CHDW	x___	The channel number of TV – 1	If it is not TV display, it will input-switch to TV.
ANT-A/B		ANTS	x___	(Toggle)	Change toggle operation of tuner A/B.
CC		CLCP	0___	(Toggle)	Toggle operation of a closed caption.
			1___	OFF	
			2___	CC1	
			3___	CC2	
			4___	T1	
			5___	T2	

NOTE

• If an underbar (_) appears in the parameter column, enter a space.
• If an asterisk (*) appears, enter a value in the range indicated in brackets under CONTROL CONTENTS.
• As long as that from which the parameter (×) in the table is a numerical value, it may write anything.

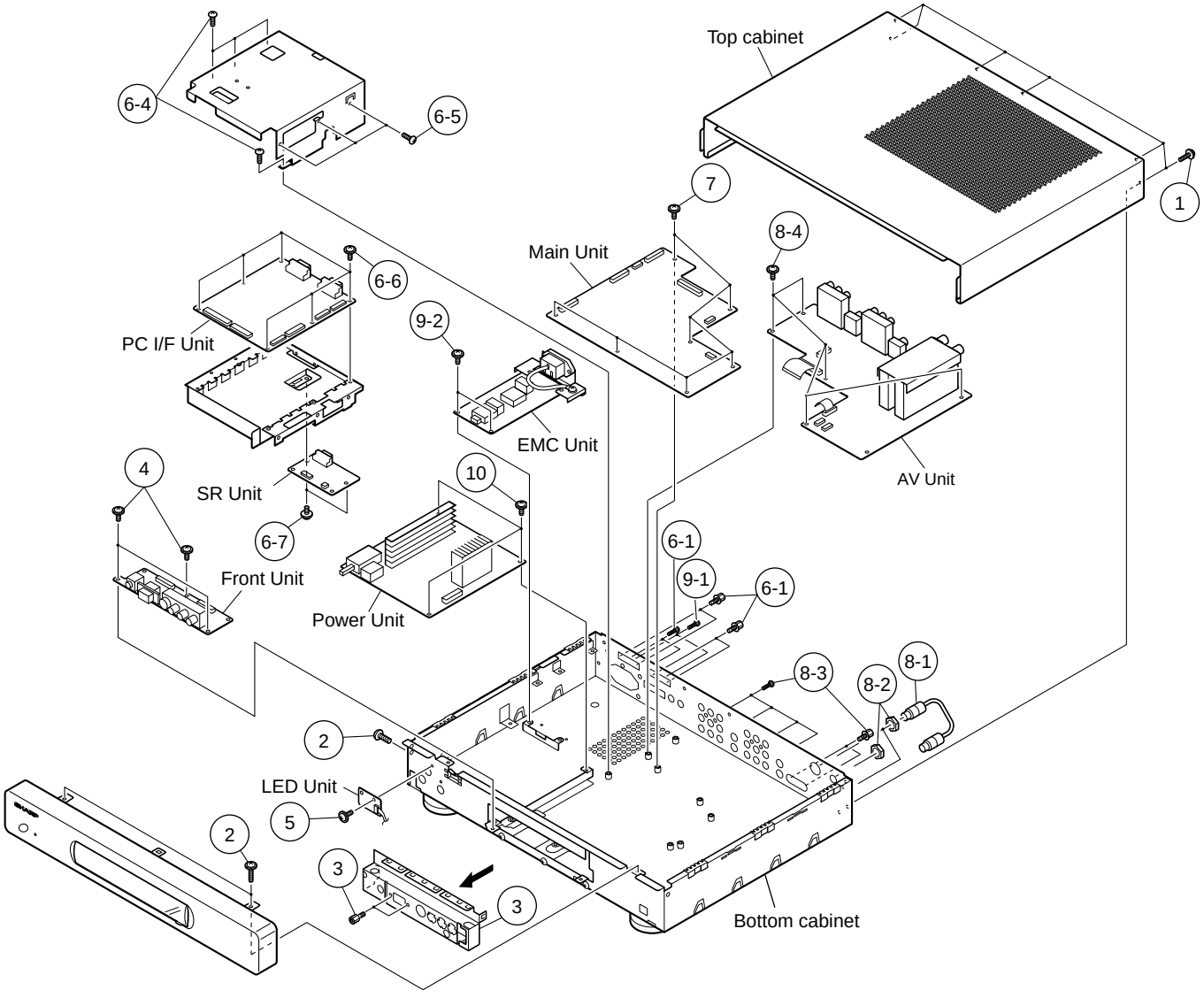
Dimensions



(Unit: mm)

REMOVING OF MAJOR PARTS

1. Remove the six lock screws from the back of the top cabinet. Slide the top cabinet backward and detach it.
2. Remove the three lock screws from the front panel. Undo the three hooks at the top and the four hooks at the bottom, and detach the front panel.
3. Remove the two hexagonal shafts from the front shield. Undo the four hooks on both sides and detach the front shield.
4. Remove the three lock screws from the front unit and detach this unit.
5. Remove the one lock screw from the LED unit and detach this unit.
6. Remove the PC I/F unit and SR unit assemblies.
   6-1. Remove the two hexagonal shafts each from the system cable (white) terminal and the RS-232C terminal, both on the PC I/F unit.
   6-2. Remove two lock screws from the system cable (gray) terminal also on the SR unit.
   6-3. Remove the two lock screws from the PC I/F unit bracket.
   6-4. Remove the four lock screws from the PC I/F unit and SR unit assemblies. Take out these assemblies.
   6-5. Remove the three lock screws from the brackets of the PC I/F unit and SR unit assemblies. Detach the shield.
   6-6. Remove the six lock screws from the PC I/F unit. Detach this unit from the bracket.
   6-7. Remove the two lock screws from the SR unit. Detach this unit from the bracket.
7. Remove the seven lock screws from the main unit and detach this unit.



8. Remove the AV unit.
   8-1. Remove the coaxial cable from the antenna terminal.
   8-2. Remove the three lock screws from the antenna terminals
   8-3. Remove the six lock screws from the AV unit.
   8-4. Remove the six lock screws from the AV unit and detach this unit.
9. Remove the EMC unit assemblies.
   9-1. Remove the two lock screws from the EMC unit bracket.
   9-2. Remove the two lock screws from the EMC unit and detach this unit.
10. Remove the three lock screws from the power unit and detach this unit.

ADJUSTMENT PROCEDURES

■ Procedure for turning ON the power

1. Connecting the system

(1) Using the system cable, interconnect the plasma display and the AVC system.
(2) Connect the plasma display to the AC power source.
(3) Connect the AVC System to the AC power source.

2. Procedure for turning ON the power

(1) Turn ON the AC power switch located on the plasma display.
The power indicator on the plasma display will start blinking in red.
(When the AC power switch on the AVC System is not ON, the power indicator on the plasma display always blinks in red.)
(2) Turn ON the power switch located on the AVC System.
The power indicator on the AVC System will be illuminated in green. Simultaneously, the power indicator on the plasma display will change from blinking in red to illumination in green. Now the system has started up.
(3) If the power indicators on the AVC System and on the plasma display are both illuminated in red, press the power key located on the remote controller and the power button located on the plasma display. The power indicators on the plasma display and on the AVC System will change from red to green. Now the system has started up.

■ Procedure for upgrading the AVC System software

(1) With the power being OFF, open the top cabinet of the AVC System and then set the slide switch from the NORMAL position to the WRITE position by inserting an insulated stick into the cutout located between the WHITE port on the rear of the shield case for the PC I/F unit and the RS-232C port. (Or the software may be upgraded by calling the process adjustment mode and using CENTER PROG UPDATE on the process adjustment menu screen. This is discussed later.)
(2) Connect a program-installed PC to the AVC system using the RS-232C cross cable. (For the details of the program, see Appendix.)
(3) Open the MS-DOS window on the PC and then go to the directory in which the software is installed.
(4) Start up the system to which the AVC System and plasma display have been connected.
(5) Run “vup.bat (tentative name)” at the MS-DOS prompt. The software will be upgraded.
(6) Load the file “civic_XXXXa.bhx main.bhx osd.bhx (tentative name)”.
It will take a couple of minutes until the file has been loaded. Never turn OFF the power or operate the system during this rewriting period.
(7) After the file has been loaded, turn OFF the plasma display and the AVC System, and then return the slide switch in the above step (1) back from the WRITE position to the NORMAL position. Now the software has been upgraded.

■ Procedure for adjusting each part of the AVC System

1. The adjustments were made to the best settings at factory. If any setting deviates or if any readjustment is regarded as necessary when any part has been replaced, perform the following steps.
2. Any parameter that has been changed in the process adjustment mode is stored on the memory. If any readjustment is required, write down the current value before changing it.
3. Use a stable AC power source.
4. If the program is upgraded, it will take approximately 1 minute for the EEPROM to be initialized before any video appears. Therefore, you will need to wait for this time period. Do not turn OFF the power or operate the system during the period.
5. If the program is rewritten, preferably write down the parameters that have been changed within the process adjustment (see “OSD menu and parameters displayed at manual adjustment”), initialize the EEPROM, and then reenter the recorded values.

■ Entering a special mode

1. Entering the process adjustment mode

   With the system being ON, turn OFF the main power of the plasma display. Next holding down the INPUT SELECT and CH UP buttons on the plasma display itself, turn ON the main power again. Now the adjustment mode screen shows up.

2. Adjustments in the adjustment process mode

   [Steps]
   Make adjustments using the process adjustment mode buttons, listed below.
   [Description]
   Following the items displayed on the process adjustment menu screen, adjust the settings given in their adjustment tables.

3. Procedure for making factory settings

   [Steps]
   In the process adjustment mode, move the cursor to the line “INDUSTRY INIT” onscreen. Turn ON with the VOL key and press the SET/ENTER key.
   (Within the adjustment process, the channel settings remain unchanged. Once you exit the process adjustment mode, the channel settings entered in the delivery adjustment mode become valid.)
   [Description]
   The user’s adjustment parameters and others will be set to the default values. Keep in mind that the channel settings will also be initialized.

■ Exiting the process adjustment mode

To exit the process adjustment mode, turn off the AVC System power.

■ OSD menu and parameters displayed at manual adjustment

- The default values may slightly differ depending upon the program version to be rewritten.
- The settings are not initialized to the default values by merely rewriting the program. (See the paragraph for Procedure for adjusting each part of the AVC System.)

(1) Descriptions of special buttons in process adjustment mode
(All on the remote controller)

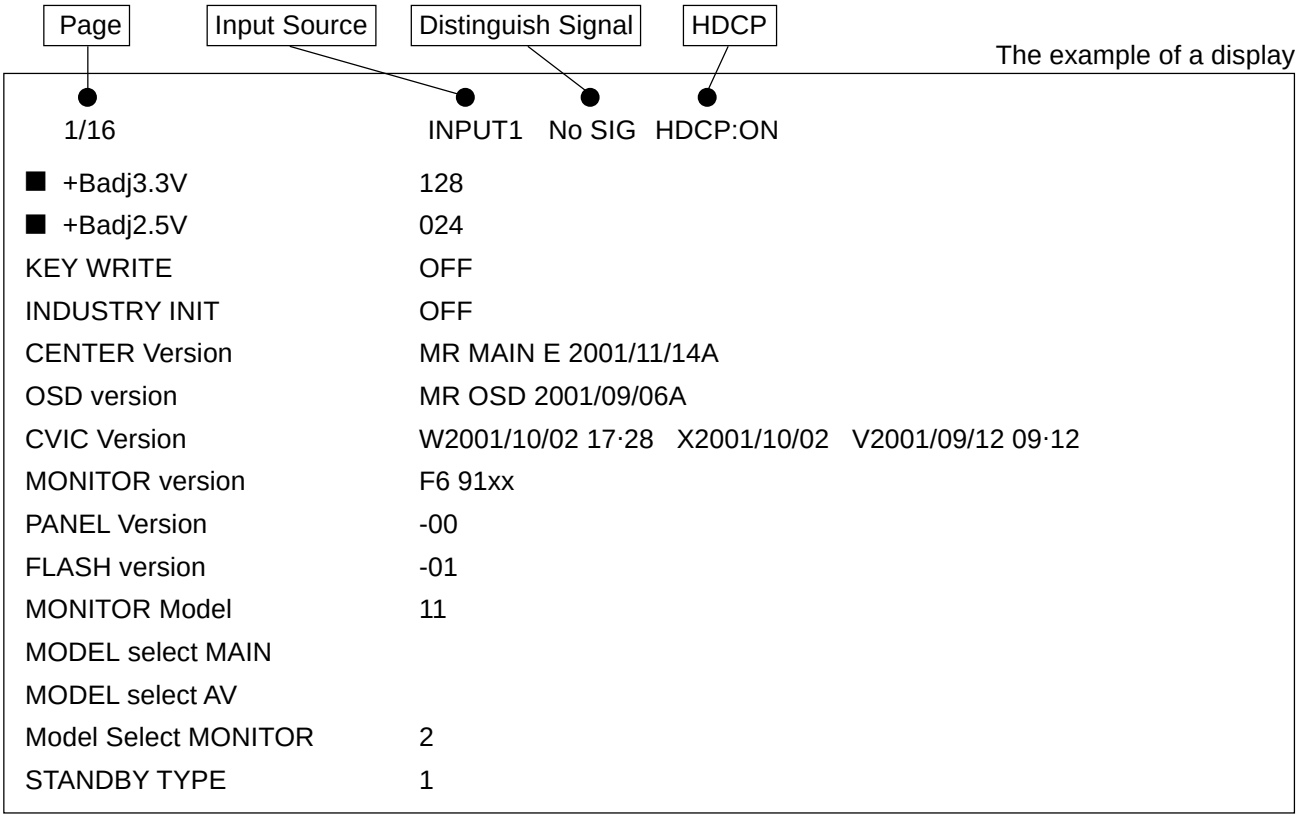
Cursor UP key	: Returns to the previous page.
Cursor DOWN key	: Proceeds to the next page.
Vol UP key	: Increases the adjusted value by 1.
Vol DOWN key	: Decreases the adjusted value by 1.
Cursor RIGHT key	: Increases the adjusted value by 10.
Cursor LEFT key	: Decreases the adjusted value by 10.
CH UP key	: Moves up the cursor.
CH DOWN key	: Moves down the cursor.

(2) Process adjustment menu table
The items displayed on the menu screen must be written down before replacing the EEPROM at the AVC System side.

■ Procedure for replacing the PC I/F unit

Before replacing the PC I/F unit, write down the items displayed on each menu screen of the adjustment process. If the I/F unit is completely broken and the above items cannot be jotted down in advance, follow the instructions in “Adjustment procedures and items” and make all adjustments.

(2) Organization of process adjustment screen



Parameter display	Setting range	Description
■ +B Adj3.3V	0 ~ 255	3.3 V adjustment
■ +B Adj2.5V	0 ~ 255	2.2 V adjustment
■ SUB N358 Y	0 ~ 63	Sub N358 Y level adiustment
■ SUB N358 COLOR GAIN	0 ~ 63	Sub N358 color gain adjustment
■ SUB N358 TINT	0 ~ 63	Sub N358 tint adjustment
■ N358 Y CONTRAST	0 ~ 63	Main N358 Y contrast adjustment
■ N358 COLOR GAIN	0 ~ 63	Main N358 color gain adjustment
■ MAIN CR GAIN N358	0 ~ 255	Main N358 Cr level adjustment
■ N358 TINT	0 ~ 63	Main N358 Tint adjustment
■ MAIN CONTRAST 15K	0 ~ 63	Main Contrast adjustment (15k)
■ MAIN SUB BRIGHT 15K	0 ~ 15	Main sub bright adjustment (15k)
■ COMP 15K Y CONTRAST	0 ~ 63	COMP 15k Y level adjustment
■ COMP 15K COLOR GAIN	0 ~ 63	COMP 15k Color gain adjustment
■ MAIN CR GAIN COMP 15K	0 ~ 255	COMP 15k Cr level adjustment
■ COMP HDTV CONTRAST	0 ~ 63	COMP HDTV contrast level adjustment
■ COMP HDTV SUB BRIGHT	0 ~ 63	COMP HDTV black level adjustment
■ PEAK ACL SW	OFF/ON	

The values for the above parameters should be written down before the EEPROM is replaced on the AVC System.

■ Procedures before and after replacing the PC I/F unit

1) Before replacing the PC I/F unit, write down the values for the parameters listed on the 2nd and 3rd pages of the Adjustment Process A screen.
If the values for the parameters cannot be written down because the PC I/F unit is completely broken or for any other reason, make all the adjustments in accordance with the paragraph for Adjustment procedure and parameters, rather than the following procedures. (End)
Set the parameters listed on the 2nd and 3rd pages of the Adjustment Process A screen to the values you have written down.

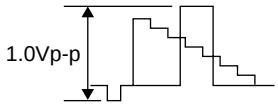
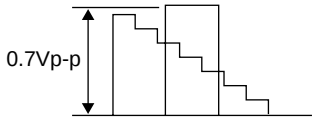
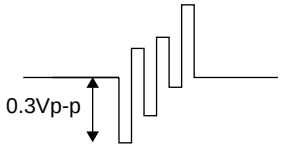
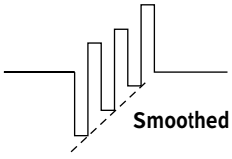
■ Adjustment parameters

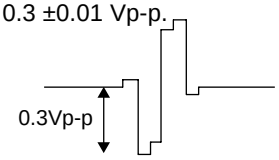
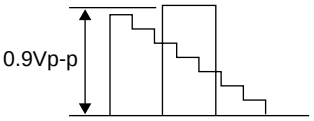
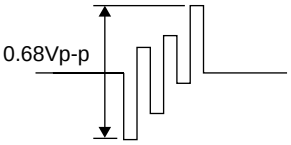
1) Analog adjustment

(1) Prior adjustment for AVC system chassis

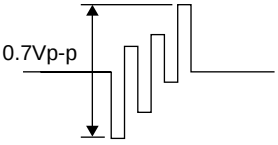
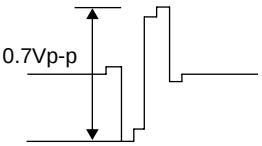
	Adjustment item	Description	Adjustment procedure
1	Process adjustment mode		Call the process adjustment mode.
2	AVC center 3.3V adjustment	Connect DC voltmeter to TP1702.	Adjust output voltage of DC/DC 3.3 V line to 3.25 ±0.01 V.
3	AVC center 2.5V adjustment	Connect DC voltmeter to TP1701.	Adjust output voltage of DC/DC 2.5 V line to 2.6 ±0.01 V.

(2) N358 signal adjustment

	Adjustment item	Description	Adjustment procedure
1	Setup		1. Receive the SPLIT FIELD color bar signal. white 100%, 75% color bar, modulation
2	Tuner level adjustment	• MAIN side • SUB side	1. Adjust the V-LEVEL (R1121) control so that the tuner output (TP1101) on the AV PWB (DUNTKA616) should be 1.0 ±0.02 Vp-p. 2. Adjust the V-LEVEL (R1219) control so that the tuner output (TP1201) on the AV PWB (DUNTKA616) should be 1.0 ±0.02 Vp-p. 
3	MAIN N358 Y CONTRAST adjustment		1. Adjust TB1274_MAIN output (pin (1) of P801) to 0.7 ±0.01 Vp-p. 
4	MAIN N358 COLOR GAIN adjustment		1. Adjust TB1274_MAIN output (pin (3) of P801) so that the level shown below should be 0.3 ±0.01 Vp-p. 
5	MAIN N358 TINT adjustment		1. Adjust TB1274_MAIN output (pin (3) of P801) so that the waveform should become as shown below. 

	Adjustment item	Description	Adjustment procedure
6	MAIN N358 Cr level adjustment		1. Adjust TB1274_MAIN output (pin (5) of P801) so that the level shown below should be 0.3 ±0.01 Vp-p. 
7	MAIN N358 CONTRAST adjustment	Peak ACL: OFF Check DC Tran 01	1. Turn off the PEAK ACL control. Adjust the output (TP815) of IC810 to have 1.1 Vp-p from the pedestal level. Adjusted value: 1.1 ±0.02 V
		Press the TWIN PICTURE key.	1. Select the special TWIN PICTURE settings for adjustment (so that the same video source is reflected on MAIN/SUB).
8	SUB N358 Y LEVEL adjustment		1. Adjust TB1274_SUB output (TP806) to 0.9 ±0.02 Vp-p. 
9	SUB N358 COLOR GAIN adjustment		1. Adjust TB1274_SUB output (TP805) so that the level shown below should be 0.68 ±0.01 Vp-p. 

(3) Component 15 kHz signal adjustment

	Adjustment item	Description	Adjustment procedure
1	Setup		1. Select the component 15 kHz source (100% white color bar signal).
2	COMPONENT 15 kHz Y level adjustment		1. Adjust TB1274_MAIN output (pin (1) of P801) to 0.7 ±0.01 Vp-p.
3	COMPONENT 15 kHz COLOR GAIN adjustment		1. Adjust TB1274_MAIN output (pin (3) of P801) so that the level shown below should be 0.7 ±0.01 Vp-p. 
4	COMPONENT 15 kHz Cr level adjustment		1. Adjust TB1274_MAIN output (pin (5) of P801) so that the level shown below should be 0.7 ±0.01 Vp-p. 

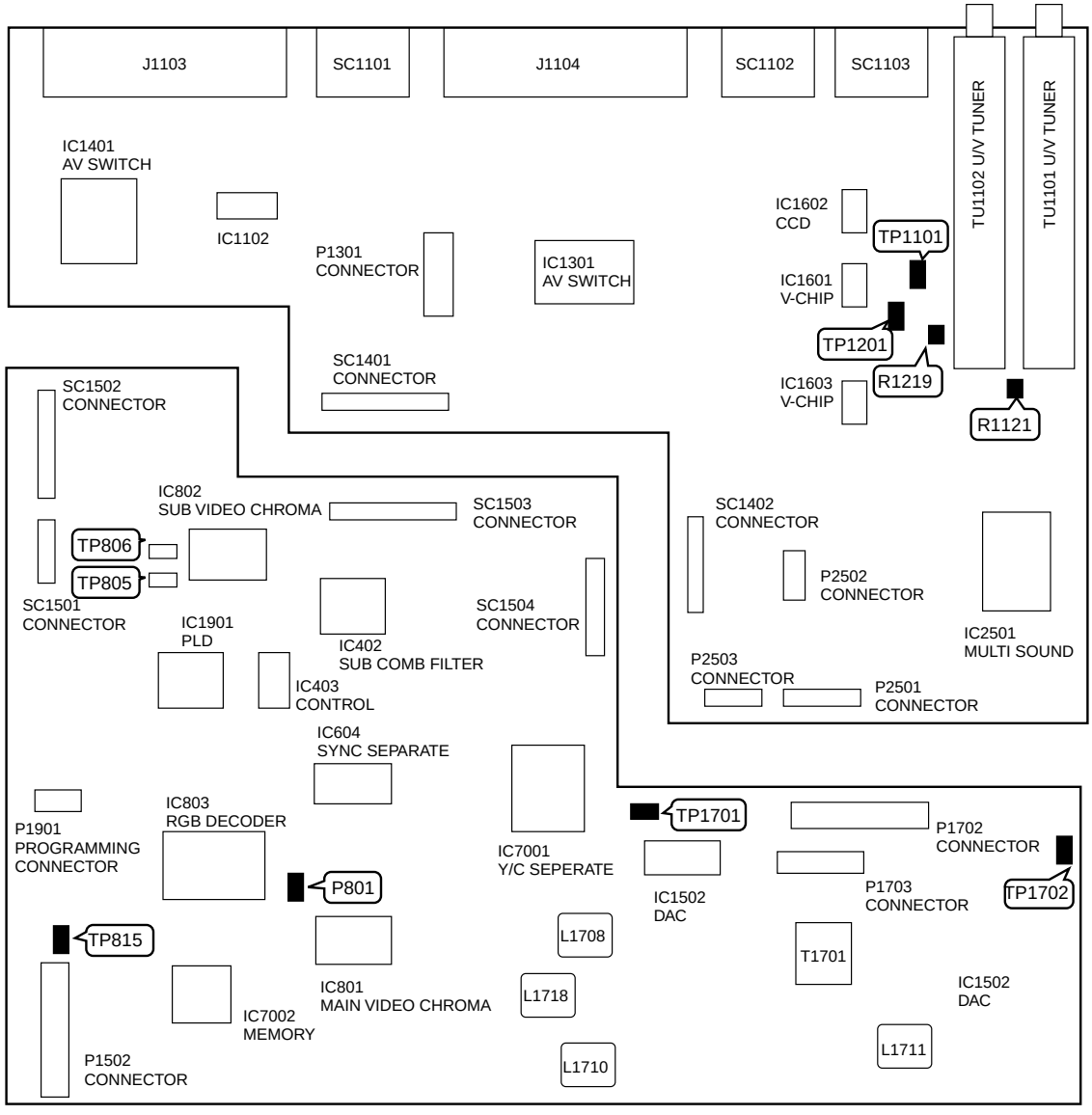
(4) Component HDTV signal adjustment

	Adjustment item	Description	Adjustment procedure
1	Setup		1. Select the component HDTV source (100% white color bar signal).
2	COMPONENT HDTV CONTRAST adjustment	Peak ACL: OFF	1. Turn off the PEAK ACL control. Adjust the output (TP815) of IC810 to have 1.1 ±0.02 Vp-p from the pedestal level.

2. Factory settings

	Adjustment item	Description	Adjustment procedure
1	INDUSTRY INIT		Check the PEAK ACL is "ON" and DC Tran is "00". Press the Delivery Setup key on the remote controller. Or position the cursor on the INDUSTRY INIT line, set the line to ON with the VOL key, and then press the ENTER key. The adjustment is finished when the line turns OFF.

Then turn off the AC power supply of the AVC System. (Be careful not to use the power switches of the remote controller and panel unit.)



DESCRIPTION OF MAJOR IC FUNCTIONS

● Description of Main ICs

- **IC1301 (CXA2069Q)**
  This IC is a 7-input, 3-output selector.
  The video signals other than those for the PC and components, which have been input from each input connector and the tuner, and all the audio signals are sent to the IC1301 and then selected.
  The video signals sent to the IC1301 are then input to the YC separation circuits, IC7001 (main) and IC402 (sub).
  The audio signals are input to the PC I/F Unit via IC2501 (sound processor).

- **IC1401 (MM1519XQ)**
  This IC is a 4-input, 3-output video selector for component input.
  The VIDEO-1/3 Y/Pb/Pr signals, RGB component input and TV signal are input to the IC1401. The output signals go to the main, sub, and component channels.

- **IC2501 (IX3370CE)**
  This IC is used to decode audio signals.
  It serves as both the S-IF decoder and the selector for the input audio data.

- **IC801/IC802 (TB1274AF)**
  This IC is intended for color TV brightness, chroma demodulation and sync processing.
  It receives the main and sub brightness signals and color signals from IC7001 (main) and IC402 (sub) in the preceding stage, and gives out color difference signals.

- **IC803 (CXA2101Q)**
  With a high-performance picture correction circuit incorporated, this IC consists of a base band video signal processing section for color difference input and a video switch (including HV sync signal processing).
  Input selection is performed by INPUT-SEL (IIC BUS). The Y/Pb/Pr signals of Y/Cb/Cr/HD and their respective HV sync signals are input to each line.
  As the multi-scanning compliance range, a horizontal scanning frequency of 15-60 kHz can be input.

- **IC1901 (IXA194WJ)**
  This IC is FPGA for the synchronizing system.
  It creates sand castle pulses for IC803 and generates horizontal blanking signals.

- **IC604 (TA1318AF)**
  This IC synchronizes TV component signals.
  The IC604 incorporates the necessary functions for measuring the frequency of input signals and synchronous replay into a single chip, and is applicable for horizontal synchronous replay (15.75, 31.5, 33.75, and 45 kHz) and vertical synchronous replay (525I, 525P, 625I, 750P, 1125I, 1125P, PAL 100 Hz, and NTSC 120 Hz).

- **IC7001 (PD64082)**
  Through 3-dimensional NTSC signal processing, the PD64082 performs high-precision Y/C separation for main video signals sent from the IC1301.
  In combination with a 4Mbit EDO (Hyper Page Mode) DRAM, this IC forms 3-dimensional Y/C separation and YNR/CNR system.

- **IC402 (CXD2093Q)**
  This IC is a comb filter in the applicable field. Being a single high-precision Y/C chip, the 3-line comb filter performs the Y/C separation of the sub channel video signals that have been output from IC1301.

- **IC804/IC810 (IX3473CE)**
  The IC804 is a 6.7 MHz low-pass filter, incorporating a 6 dB amplifier, for the sub screen.
  The IC810, on the other hand, is a 6.7 MHz low-pass filter, also incorporating a 6 dB amplifier, for the main screen (for SDTV).

- **IC811 (IX3474CE)**
  This IC is a 30 MHz low-pass filter, incorporating a 6 dB amplifier, for the main screen (for HDTV).

- **IC1701 (FA3675CE)**
  This IC is designed to control the 6-channel PWM switching regulator.
  With 5 step-up switching regulator lines incorporated, the IC converts +10V to +2.5V, +3.3V and +5.8V.
  Also with a step-down switching regulator line incorporated, the IC converts +10V to +6.0V, -5.0V, +12V and +35V.
  The lines are individually turned on and off.

- **IC1602 (Z86129S)**
  The Z86129S is built in the TV decoder circuit and serves to process the vertical blanking interval (VBI) data that has come from the video signal field of the data corresponding to the transmission format defined by EIA-608.
  The data flowing along Line 21 is composed of the data of some multiplexed data channels.
  Field 1 has 4 data channels: 2 caption channels and 2 text channels.
  Field 2 has 5 additional data channels: 2 caption channels, 2 text channels and expansion data service (XDS) channel. On any of these 9 data channels, the data transmitted can be recovered and displayed.

- **IC1601/IC1603 (Z86230S)**
  The Z86230S functions for the process expansion data service (XDS) in Field 2 during the vertical blanking interval (VBI).
  The XDS data is processed in order to specify the Program Blocking (PB) signal or recovered XDS data packets.
  The on-chip XDS filter in the Z86230S enables to recover the XDS data packets only for programming.
  The Z86230S is compatible with monitors (Picture-In-Picture) for violence blocking and other XDS data service.

Description of Functions of Main ICs on PC I/F Unit

- **IC4 (CXA3506R)**
  This IC is an A/D converter that incorporates a 3-channel, 8-bit, 120 MSPS amplifier and PLL. It is used for the video signals input to the I/F board on the main channel in the 1-screen and 2-screen modes, and also for the video signals input from the front for the PC.
  The video signals (analog RGB) from the CN6 are input to IN1 of IC4.
  For the PC, the video signals (analog RGB) from CN8 are input to IN2 of IC4.
  The input video signals are converted into digital signals and then sent to IC25.

- **IC310 (TLC5733A)**
  This IC is a 3-channel, 8-bit, 20 MSPS A/D converter.
  It is used for the sub-channel of the video signals input to the PC I/F Unit in the 2-screen mode.
  The video signals (analog Y, Cb, Cr) from CN6 are input to IC310.
  The video signals input to this IC are converted into digital signals and then sent to IC25.

- **IC25 (IX3434CE)**
  This IC performs the I/P conversion and scaling to match the digitalized video with the output resolution, and also the data conversion.
  It has two input lines, V0 and V1. The V0 line is used to process the RGB, composite, and skirt signals input to the 480i and 580i components for the sub-channel in the 2-screen mode. The V1 line is used to process all the signals as well as V1 for the main channel in the 1-screen and 2-screen modes.
  The IC25 detects what resolution is input from the input synchronizing signal; creates H synchronization in accordance with the frequency division ratio; creates the clamp signal in accordance with the input synchronizing signal; and performs the data matrix conversion.
  The video signals input to this IC is sent to IC413.

- **IC413 (SiL168)**
  This IC is a panel link transmitter.
  It converts the 8-bit RGB video data output from IC25 into the differential TMDS signals and then digitally transmits the converted signals to the monitor.
  The TMDS signals are transmitted at the frequency 10 times higher than the clock frequency.

- **IC1 (IX3270CE)**
  This IC is a 1-chip RISC microprocessor.
  It performs communication with the monitor and operates the system.
  The IC1 also controls each IC in the AVC System and partially manages the power source.

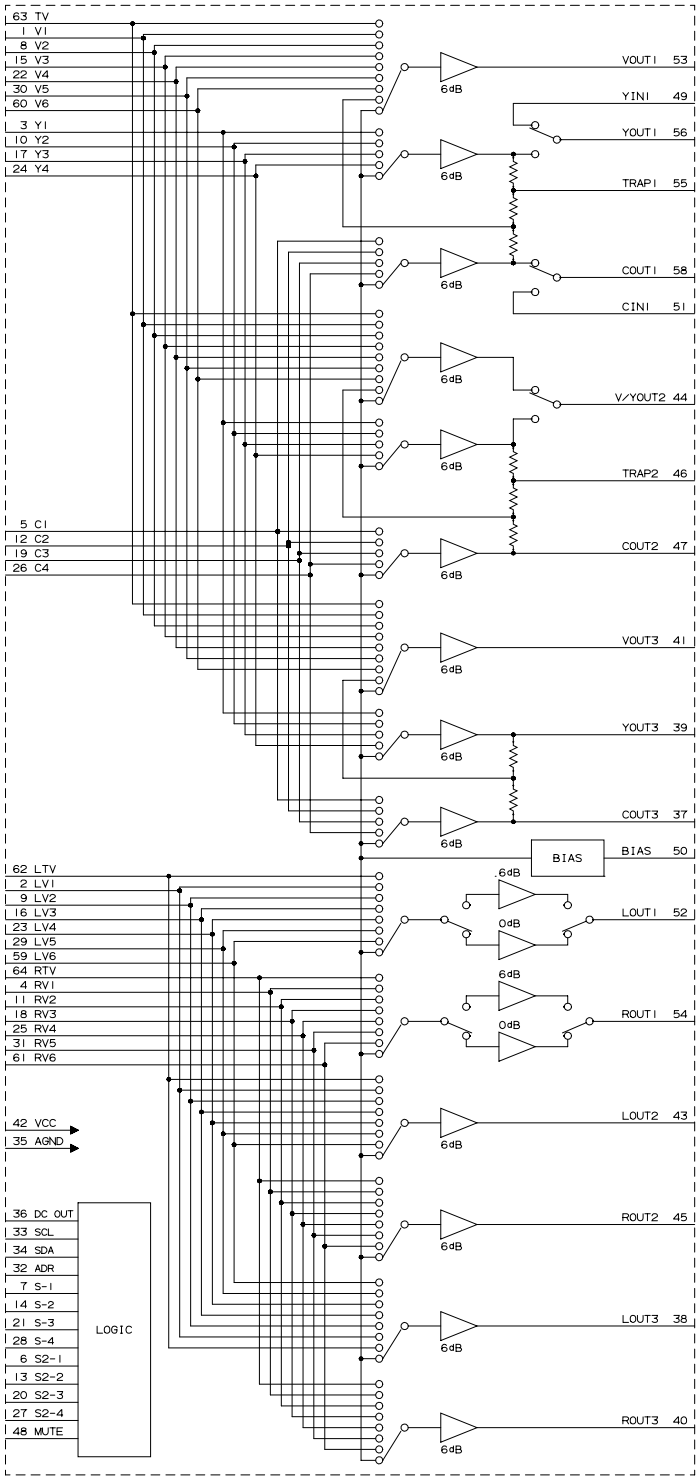
- **IC405 (uPD4721)**
  This IC is an RS-232 line driver receiver conforming to the EIA/TIA-232-E standard.
  The IC405, when connected to a PC, allows for externally controlling the system.
  It is also applicable for upgrading IC1.

- The information shown in the list is basic information and may not correspond exactly to that shown in the schematic diagrams.

■ VHiCXA2069Q-1 (ASSY: IC1301)

- **S2-Compatible, 7-Input/3-Ouput AV Switch**

- **Block Diagram**



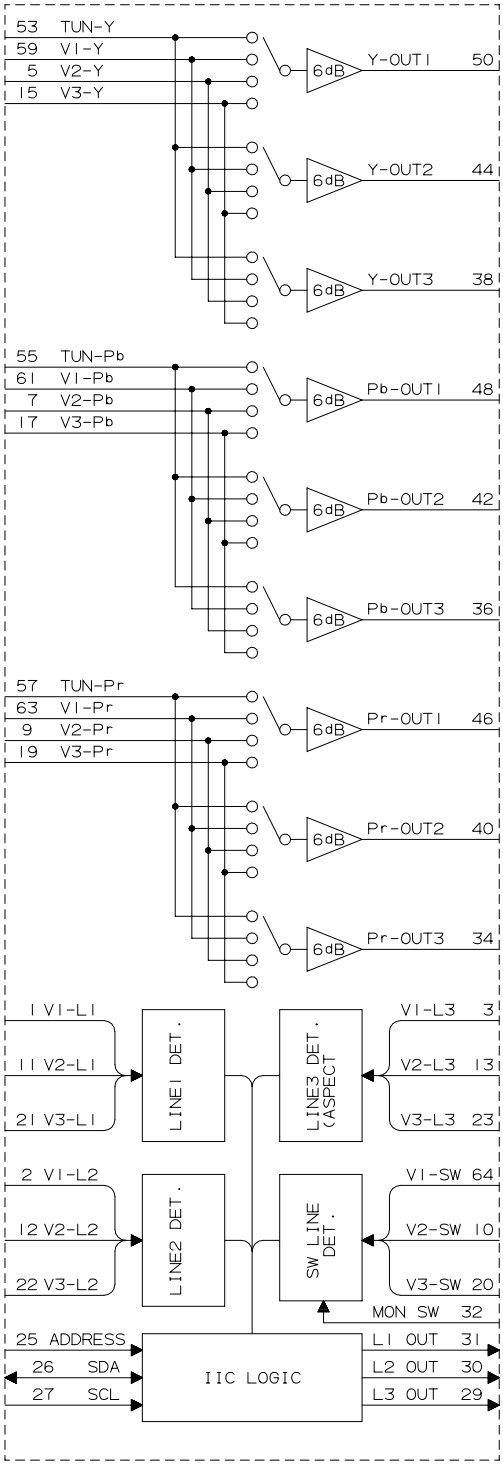
● Pin Function

Pin No.	Pin Name	I/O	Pin Function
63	TV	I	Video signal input.
1	V1	I	Composite video signal input
8	V2	I	
15	V3	I	
22	V4	I	
30	V5	I	
60	V6	I	
3	Y1	I	Y/C-separated signal input terminal for luminance signal input. YIN1 to feed in the Y/C-separated signal of VOUT1 output.
10	Y2	I	
17	Y3	I	
24	Y4	I	
49	YIN1	I	
5	C1	I	Y/C-separated signal input terminal for chrominance signal input. CIN1 to feed in the Y/C-separated signal of VOUT1 output.
12	C2	I	
19	C3	I	
26	C4	I	
51	CIN1	I	
62, 2	LTV, LV1	I	Audio signal input terminal.
9, 16	LV2, LV3	I	
23, 29	LV4, LV5	I	
59, 64	LV6, RTV	I	
4, 11	RV1, RV2	I	
18, 25	RV3, RV4	I	
31, 61	RV5, RV6	I	
53	VOUT1	O	Video signal output terminal for composite video signal output.
41	VOUT3	O	
44	V/YOUT2	O	Video signal output terminal for selection between composite video signal output and luminance signal output by I2C Bus control.
56	YOUT1	O	Video signal output terminal for luminance signal output.
39	YOUT3	O	
58	COUT1	O	Video signal output terminal for chrominance signal output.
47	COUT2	O	
37	COUT3	O	
52	LOUT1	O	Audio signal output terminal.
43	LOUT2	O	
38	LOUT3	O	
54	ROUT1	O	
45	ROUT2	O	
40	ROUT3	O	
6	S2-1	I	Used to detect C signal-superimposed, S2-compatible DC level. 4:3 video signal when below 1.3V. 4:3 letterbox signal when between 1.3V and 2.5V. 16:9 image squeeze signal when above 2.5V. To be pulled down to GDN at 100KΩ to produce 4:3 video signal when open.
13	S2-2	I	
20	S2-3	I	
27	S2-4	I	
7	S-1	I	Used to switch between composite video and S signals. Detection results to be written in status register. S signal when below 3.5V. Composite video signal when above 3.5V. To be pulled up to 5V at 100KΩ to produce composite video signal when open.
14	S-2	I	
21	S-3	I	
28	S-4	I	
32	ADR	I	Used to select I2C Bus slave address. 90H when below 1.5V. 92H when above 2.5V. 90H also when the terminal is open.
33	SCL	I	I2C Bus signal input terminal.
34	SDA	I	I2C Bus signal input terminal.
36	DC OUT	O	Used to feed out S2-compatible DC level to be superimposed on COUT3 output. DC to be superimposed by connecting to COUT3 output via a capacitor. Control to be made by I2C Bus. S2-specified output impedance of 10 ±3KΩ to be realized by adding an external resistance of 4.7KΩ.
55	TRAP1	I	Subcarrier trap circuit to be connected.
46	TRAP2	I	
48	MUTE	I	Audio signal output mute terminal. Mute off when below 1.3V. Mute on when above 2.5V. Mute off when the terminal is open.
50	BIAS	I	Internal reference bias (Vcc/2) terminal. To be connected to GND with a capacitor in between.

■ VHiMM1519XQ-1(IC1401)

- **Component Input Video Switch**

- **Block Diagram**



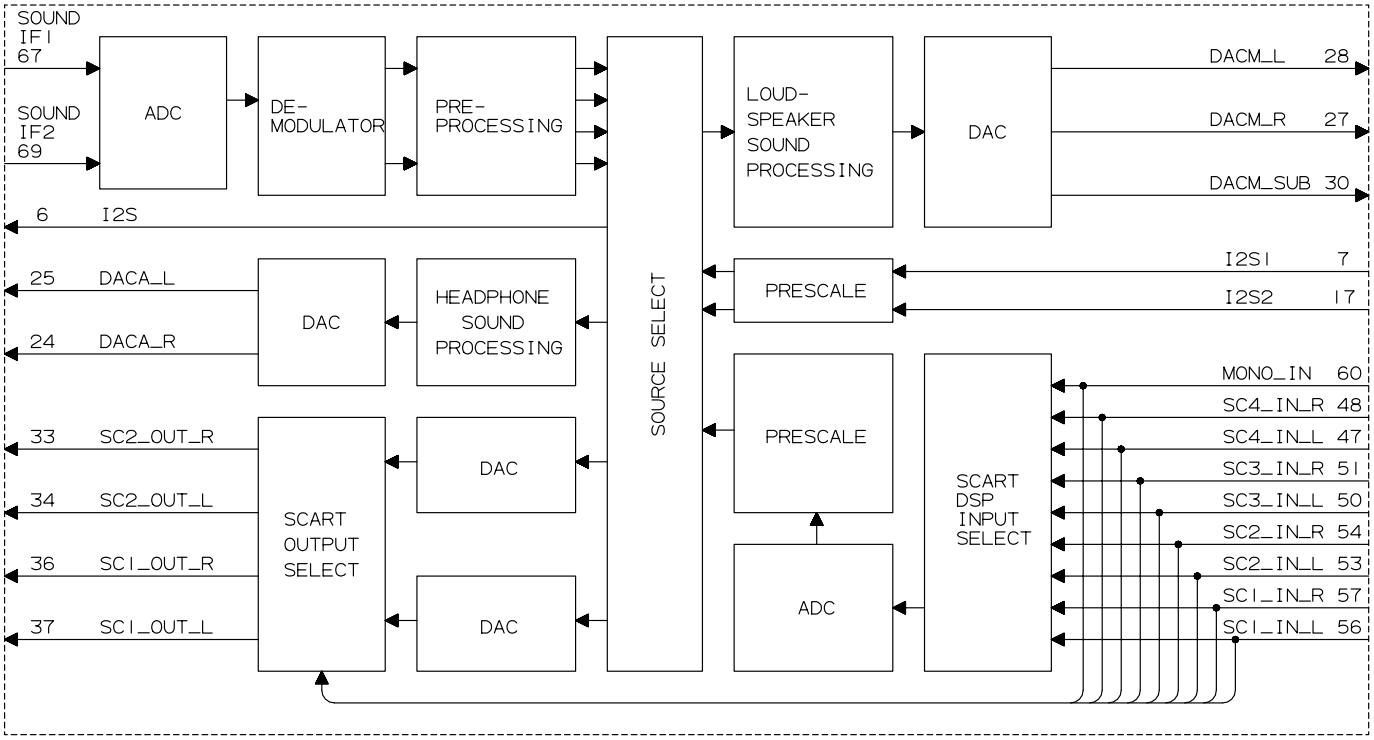
● Pin Function

Pin No.	Pin Name	I/O	Pin Function
1	VIDEO 1-L1	I	Line input of D-terminal
2	VIDEO 1-L2	I	
3	VIDEO 1-L3	I	
11	VIDEO 2-L1	I	
12	VIDEO 2-L2	I	
13	VIDEO 2-L3	I	
21	VIDEO 3-L1	I	
22	VIDEO 3-L2	I	
23	VIDEO 3-L3	I	
4, 14, 39, 45, 52, 58	VCC	—	Analog power supply (9V)
51	AVCC	—	
5	VIDEO 2-Y	I	Y-signal input
15	VIDEO 3-Y	I	
53	TUNER-Y	I	
59	VIDEO 1-Y	I	
24	DGND	—	GND
6, 8, 16, 18, 33, 35, 37, 41, 43, 47, 49, 54, 56, 60, 62	GND	—	
7	VIDEO 2-Pb	I	Pb, Pr signal input
9	VIDEO 2-Pr	I	
17	VIDEO 3-Pb	I	
19	VIDEO 3-Pr	I	
55	TUNER-Pb	I	
57	TUNER-Pr	I	
61	VIDEO 1-Pb	I	
63	VIDEO 1-Pr	I	
10	VIDEO 2-SW	I	Switch line of D-terminal
20	VIDEO 3-SW	I	
32	MONO-SW	I	
64	VIDEO 1-SW	I	
25	ADDRESS	I	Slave address select pin
26	SDA	I/O	Data input of I2C bus
27	SCL	I	Clock input of I2C bus
28	DVCC	—	Digital power supply (5V)
29	L3 OUT	O	Line output for monitor
30	L2 OUT	O	
31	L1 OUT	O	
34	Pr OUT 3	O	Video signal output
36	Pb OUT 3	O	
38	Y OUT 3	O	
40	Pr OUT 2	O	
42	Pb OUT 2	O	
44	Y OUT 2	O	
46	Pr OUT 1	O	
48	Pb OUT 1	O	
50	Y OUT 1	O	

■ RH-iX3370CEN1 (ASSY: IC2501)

- **Multi Standard Sound Processor**

- **Block Diagram**



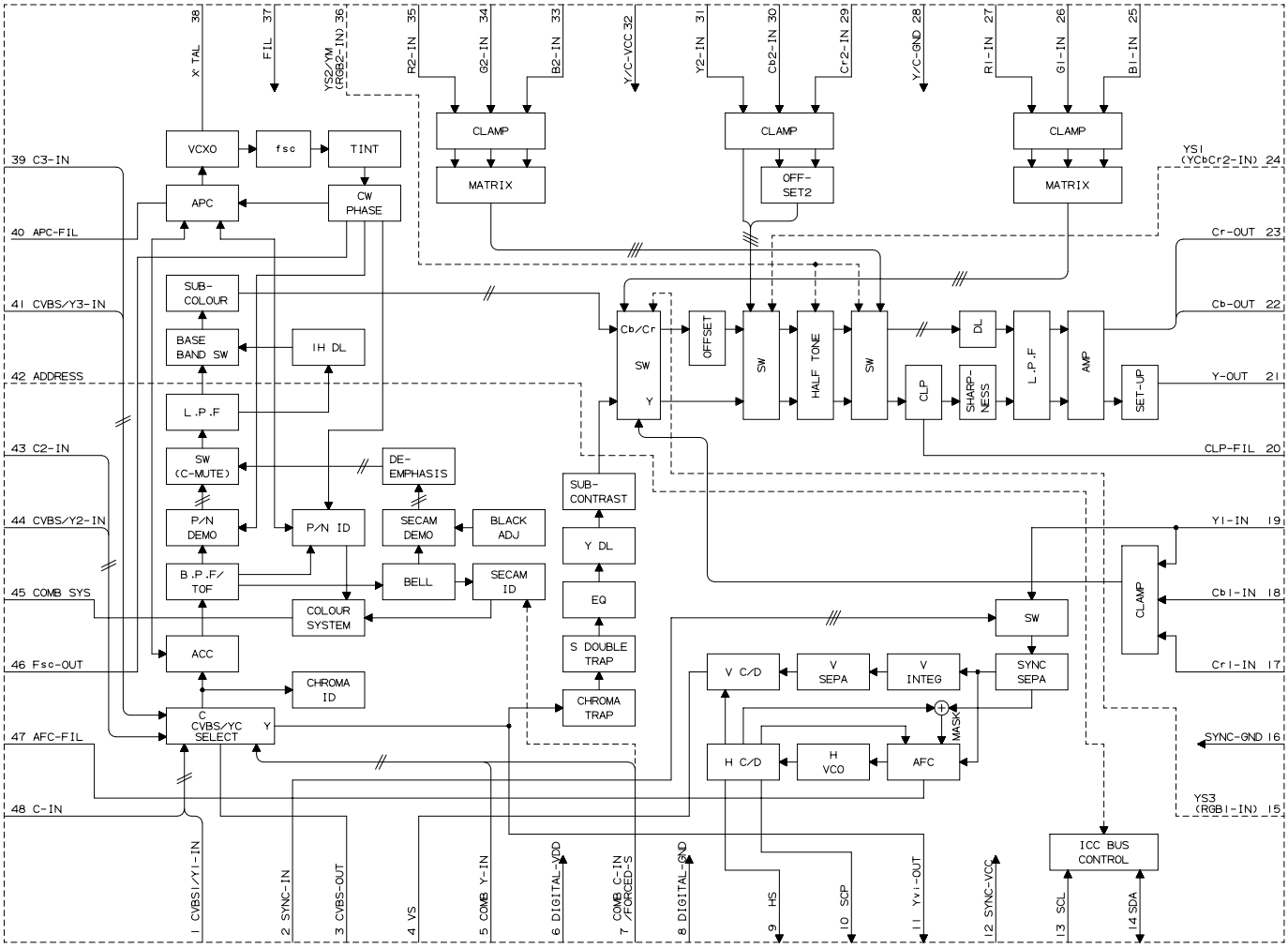
● Pin Function

Pin No.	Pin Name	I/O	Pin Function
1	NC	—	Not connected
2	I2C_CL	I/O	I2C clock
3	I2C_DA	I/O	I2C data
4	I2S_CL	I/O	I2S clock
5	I2S_WS	I/O	I2S word strobe
6	I2S_DA_OUT	O	I2S data output
7	I2S_DA_IN1	I	I2S1 data input
8	ADR_DA	O	ADR data output
9	ADR_WS	O	ADR word strobe
10	ADR_CL	O	ADR clock
11, 12, 13	DVSUP	—	Digital power supply 5V
14, 15, 16	DVSS	—	Digital ground
17	I2S_DA_IN2	I	I2S2-data input
18, 19, 20	NC	—	Not connected
21	RESETQ	I	Power-on-reset
22, 23	NC	—	Not connected
24	DACA_R	O	Headphone out, right
25	DACA_L	O	Headphone out, left
26	VREF2	—	Reference ground 2
27	DACM_R	O	Loudspeaker out, right
28	DACM_L	O	Loudspeaker out, left
29	NC	—	Not connected
30	DACM_SUB	O	Subwoofer output
31, 32	NC	—	Not connected
33	SC2_OUT_R	O	SCART 2 output, right
34	SC2_OUT_L	O	SCART 2 output, left
35	VREF1	—	Reference ground 1
36	SC1_OUT_R	O	SCART 1 output, right
37	SC1_OUT_L	O	SCART 1 output, left
38	CAPL_A	—	Volume capacitor AUX
39	AHVSUP	—	Analog power supply 8V
40	CAPL_M	—	Volume capacitor MAIN
41, 42	NC	—	Not connected
43, 44	AHVSS	—	Analog ground
45	AGNDC	—	Analog reference voltage
46	NC	—	Not connected
47	SC4_IN_L	I	SCART 4 input, left
48	SC4_IN_R	I	SCART 4 input, right
49	ASG4	—	Analog Shield Ground 4
50	SC3_IN_L	I	SCART 3 input, left
51	SC3_IN_R	I	SCART 3 input, right
52	ASG2	—	Analog Shield Ground 2
53	SC2_IN_L	I	SCART 2 input, left
54	SC2_IN_R	I	SCART 2 input, right
55	ASG1	—	Analog Shield Ground 1
56	SC1_IN_L	I	SCART 1 input, left
57	SC1_IN_R	I	SCART 1 input, right
58	VREFTOP	—	Reference voltage IF A/D converter
59	NC	—	Not connected
60	MONO_IN	I	Mono input
61, 62	AVSS	—	Analog ground
63, 64	NC	—	Not connected
65, 66	AVSUP	—	Analog power supply 5V
67	ANA_IN1+	I	IF input 1
68	ANA_IN-	I	IF common(can be left vacant, only if IF input 1 is also not in use)
69	ANA_IN2+	I	IF input 2(can be left vacant, only if IF input 1 is also not in use)
70	TESTEN	I	Test pin
71	XTAL_IN	I	Crystal oscillator
72	XTAL_OUT	O	
73	TP	—	Test pin
74	AUD_CL_OUT	O	Audio clock output (18.432MHz)
75, 76	NC	—	Not connected
77	D_CTR_I/O_1	I/O	D_CTR_I/O_1
78	D_CTR_I/O_0	I/O	D_CTR_I/O_0
79	ADR_SEL	I	I2C Bus address select
80	STANDBYQ	I	Stand-by (low-active)

■ VHiTB1274AF-1Q (ASSY: IC801, IC802)

- **VIDEO/CHROMA Processor**

- **Block Diagram**



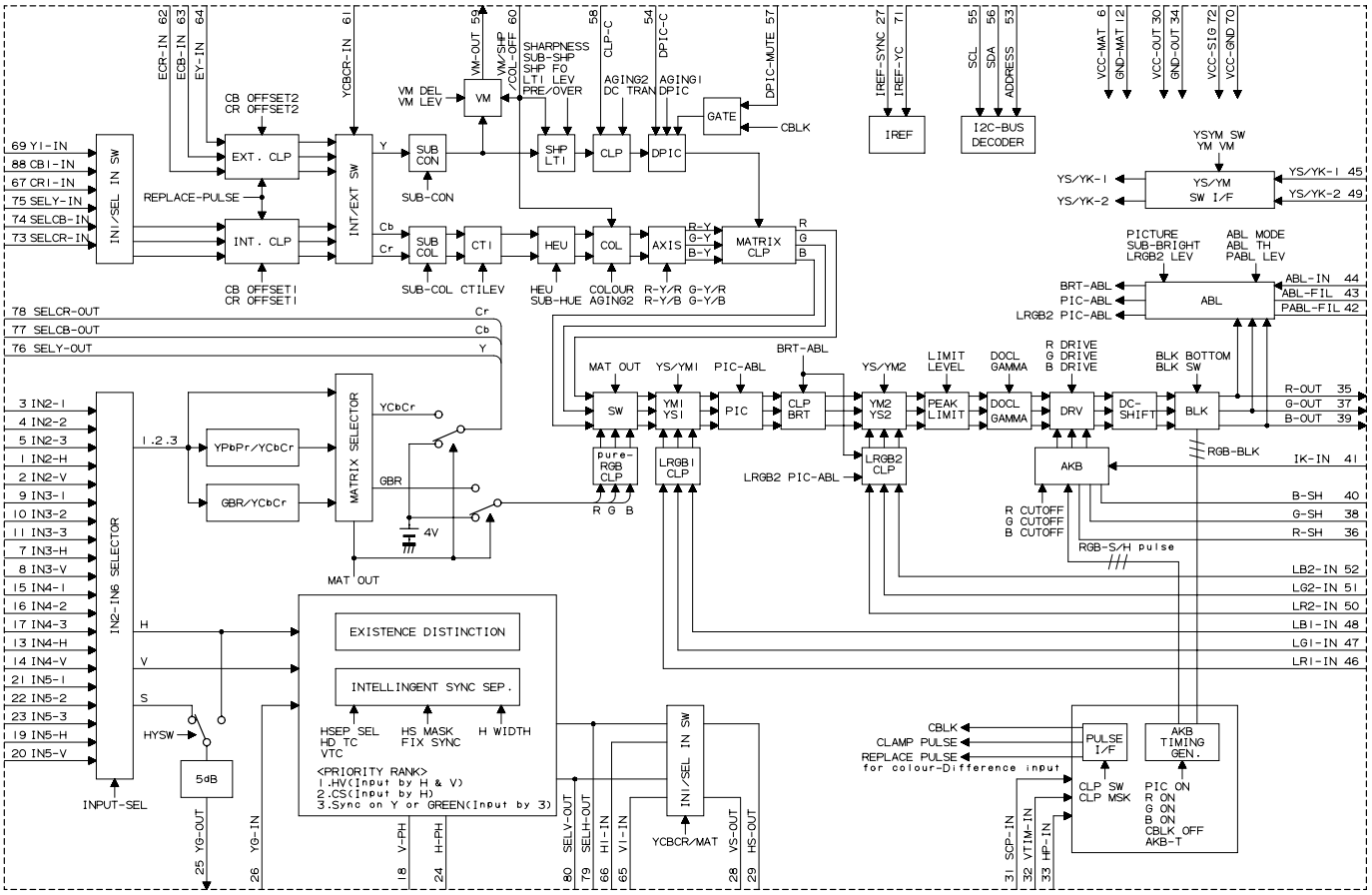
● Pin Function

Pin No.	Pin Name	I/O	Pin Function
1	CVBS1/Y1-IN	I	CVBS1 or Y1-IN signal input.
2	SYNC-IN	I	Sync signal input.
3	CVBS-OUT	O	CVBS or Y+C signal output terminal.
4	VS	O	Counted-down vertical sync signal output.
5	COMB Y-IN	I	Input of Y signal coming from comb filter. Open when not used.
6	D-VDD	—	DDS/BUS/V-CD/H-CD block power supply. DC5V (standard).
7	COMB C-IN	I	Input of C signal coming from comb filter. Open when not used.
8	D-GND	—	DDS/BUS/V-CD/H-CD block grounding terminal.
9	HS	O	H-AFC-processed horizontal sync signal output.
10	SCP	O	Sand Castle Pulse output. Clamping pulse and horizontal blanking pulse outputs.
11	Yvi-IN	O	Output of sync input Y signal selected with Video-SW.
12	SYNC-VCC	—	SYNC/HVCO block power supply. DC5V (standard).
13	SCL	I	I2C BUS SCL terminal.
14	SDA	I/O	I2C BUS SDA terminal.
15	YS3 (RGB1-in)	I	Selector switch for main signal and RGB1 input signal. YS3 input effective only when “RGB1-ENB” is set at “enable” in bus setting.
16	SYNC-GND	—	SYNC/HVCO block grounding terminal.
17	Cr1-IN	I	Y1/Cb1/Cr1 signal input.
18	Cb1-IN	I	
19	Y1-IN	I	
20	CLP-FIL	—	Y clamp filter to be connected.
21	Y-OUT	O	Y/Cb/Cr signal output.
22	Cb-OUT	O	
23	Cr-OUT	O	
24	YS1 (YVbC2-IN)	I	Selector switch for main signal and Y/Cr/Cb2 input signal.
25	B1-IN	I	RGB1 signal input. This input is selected at YS3 or I2C BUS.
26	G1-IN	I	
27	R1-IN	I	
28	Y/C-GND	—	Y/C/Text/Video-SW/1HDL block grounding terminal.
29	Cr2-IN	I	Y2/Cb2/Cr2 signal input. This input is selected at YS1. Open when not used.
30	Cb2-IN	I	
31	Y2-IN	I	
32	Y/C-VCC	—	Y/C/Text/Video-SW/1HDL block power supply. DC5V (standard)
33	B2-IN	I	RGB2 signal input. This input is selected at YS2. Open when not used.
34	G2-IN	I	
35	R2-IN	I	
36	YS2/YM (RGB2-IN)	I	Selector switch for main signal and RGB2 input signal.
37	FIL.	—	Connected to Y/C-VCC terminal.
38	X'TAL	—	16.2MHz crystal oscillator to be connected.
39	C3-IN	I	Chroma signal input. Open when not used.
40	APC-FIL	—	Chroma demodulation filter to be connected.
41	CVBS3/Y3-IN	I	CVBS3 or Y3 signal input. Open when not used.
42	ADDRESS	I	Slave address to be preset.
43	C2-IN	I	Chroma signal input. Open when not used.
44	CVBS2/Y2-IN	I	CVBS2 or Y2 signal input. Open when not used.
45	COMB SYS	O	Received color system judgment result to be output from this pin and pin 46.
46	Fsc-OUT	O	Subcarrier output.
47	AFC-FIL	—	AFC detection filter to be connected.
48	C1-IN	I	Chroma signal input. Open when not used.

■ VHICXA2101Q-1 (ASSY: IC803)

• Baseband Video Signal Processor

• Block Diagram



• Pin Function

Pin No.	Pin Name	I/O	Pin Function
1	IN2-H	I	IN2-H : Independent horizontal sync signal input terminal.
2	IN2-V	I	IN2-V : Independent vertical sync signal input terminal.
3	IN2-1	I	IN2 line signal input terminal.
4	IN2-2	I	
5	IN2-3	I	
6	Vcc-MAT	—	Selector line and sync processor line power terminal.
7	IN3-H	I	IN3-H : Independent horizontal sync signal input terminal.
8	IN3-V	I	IN3-V : Independent vertical sync signal input terminal.
9	IN3-1	I	IN3 line signal input terminal.
10	IN3-2	I	
11	IN3-3	I	
12	GND-MAT	—	Selector line and sync processor line grounding terminal.
13	IN4-H	I	IN4-H : Independent horizontal sync signal input terminal.
14	IN4-V	I	IN4-V : Independent vertical sync signal input terminal.
15	IN4-1	I	IN4 line signal input terminal.
16	IN4-2	I	
17	IN4-3	I	

● Pin Function

Pin No.	Pin Name	I/O	Pin Function
18	V-PH		Vsync peak holding capacitor connection terminal.
19	IN5-H	I	IN5-H : Independent horizontal sync signal input terminal.
20	IN5-V	I	IN5-V : Independent vertical sync signal input terminal.
21	IN5-1	I	IN5 line signal input terminal.
22	IN5-2	I	
23	IN5-3	I	
24	H-PH		Hsync peak holding capacitor connection terminal.
25	YG-OUT	O	Sync separation composite video signal output terminal.
26	YG-IN	I	Sync separation composite video signal input terminal.
27	IREF-SYNC		Reference current setting terminal (about 4.6V)
28	VS-OUT	O	Used to select between IN1-line HV and IN2/IN5-line selector output HV by I2C BUS
29	HS-OUT	O	“YCBCR/MAT” and feed out the signal in positive polarity.
30	Vcc-OUT	O	RGB line power terminal.
31	SCP-IN	I	Sand-Castle-Pulse input terminal.
32	VTIM-IN	I	V timing pulse input terminal.
33	HP-IN	I	H pulse input terminal.
34	GND-OUT	O	RGB line grounding terminal.
35	R-OUT	O	RGB signal output terminal.
37	G-OUT	O	Output to be made at 2.6Vp-p with 100IRE white input.
39	B-OUT	O	
36	R-SH		RGB AKB sample-and-hold terminal.
38	G-SH		
40	B-SH		
41	IK-IN	I	Reference pulse to return to this terminal.
42	PABL-FIL		Peak ABL peak holding terminal.
43	ABL-FIL		Used to form LPF for ABL control signal.
44	ABL-IN		ABL control signal input terminal.
45	YS/YM-1		YM1/YS1 control input terminal. Input level to be of 3 values. VM turning-off function also available when YM and YS have reached their specified values.
46	LR1-IN	I	Analog RGB1 signal input terminal.
47	LG1-IN	I	
48	LB1-IN	I	
49	YS/YM-2	I	YM2/YS2 control input terminal. Input level to be of 3 values. VM turning-off function also available when YM and YS have reached their specified values.
50	LR2-IN	I	Analog RGB2 signal input terminal.
51	LG2-IN	I	
52	LB2-IN	I	
53	ADDRESS	I	I2C BUS slave address setting terminal.
54	DPIC-C	I	Capacitor to be connected for grounding in order to detect the black signal in dynamic picture (black stretching).
55	SCL	I	I2C BUS standard SCL (Serial Clock) input terminal.
56	SDA	I	I2C BUS standard SDA (Serial Data) input terminal.
57	DPIC-MUTE		Used to control MUTE of dynamic picture (black stretching).
58	CLP-C	O	Y line clamp capacitor connection terminal.
59	VM-OUT		VM output terminal to feed out Y signal’s differential waveform in positive polarity.
60	VM/SHP/COL-OFF	I	Used to turn off VMÅASHARPNESS and COLOUR. Input level to be 3 values
61	YCBCR-SW	I	Used to switch between INT and EXT SW input signals. External input terminal to be selected at High level.
62	ECR-IN	I	External Y, Cb, and Cr input terminals.
63	ECB-IN	I	
64	EY-IN	I	
65	V1-IN	I	IN1-line HV input terminal. Positive-polarity input.
66	H1-IN	I	
67	CR1-IN	I	IN1-line Y, Cb, and Cr input terminals.
68	CB1-IN	I	
69	Y1-IN	—	
70	GND-SIG		Y color difference signal processor grounding terminal.
71	IREF-YC	—	Reference current setting terminal (mainly for Y color difference signal processing line).
72	Vcc-SIG	I	Y color difference signal processor power terminal.
73	SELCR-IN	I	Used to feed in selector outputs Y, Cb, and Cr through clamp capacitor.
74	SELCB-IN	I	
75	SELY-IN	O	
76	SELY-OUT	O	IN2- thru IN5-line selector output terminals.
77	SELCB-OUT	O	Used to feed out Y-, Cb-, and Cr-converted signals.
78	SELCR-OUT	O	
79	SELH-OUT	O	IN2 thru IN5 selector HV output terminals.
80	SELV-OUT		

■ RH-iXA194WJZZ (ASSY: IC1901)

• PLD (Programmable Logic Device)

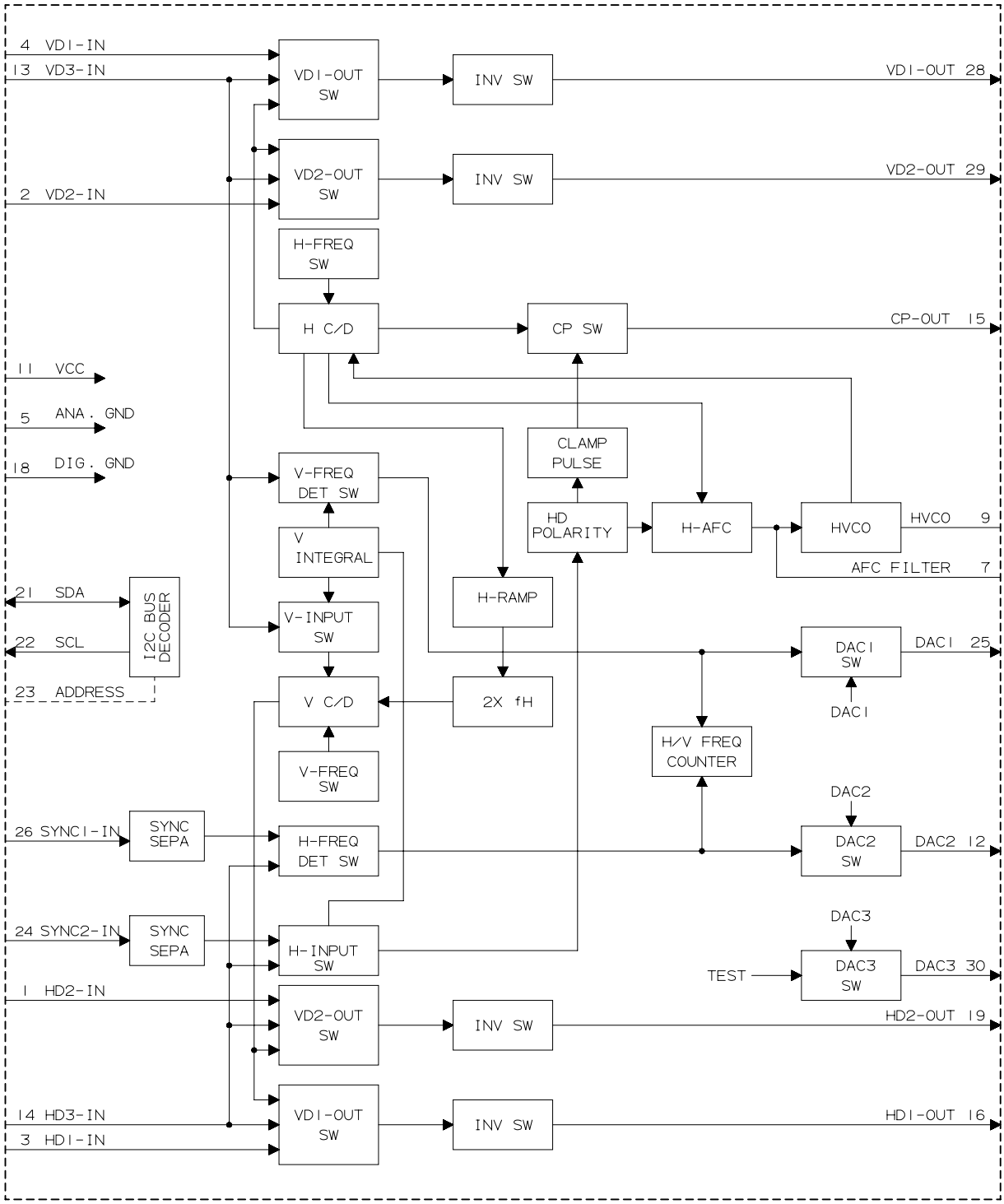
• Pin Function

Pin No.	Pin Name	I/O	Pin Function
1	TDI	I/O	
2	VD1	I/O	
3	SP_HD	I/O	
4	GND	—	Ground
5	SP_VD	I/O	
6	SP_CP	I/O	
7	TMS	I/O	
8	HD3	I/O	
9	VCC	—	Power supply (3.3V)
10	VD3	I/O	
11	GND	—	Ground
12	MODEA	I/O	
13	MODEB	I/O	
14	MODEC	I/O	
15	SELA	I/O	
16	GND	—	Ground
17	VCC	—	Power supply (3.3V)
18	SELO	I/O	
19	HD2	I/O	
20	VD2	I/O	
21	HDS	I/O	
22	VDS	I/O	
23	US_VD	I/O	
24	GND	—	Ground
25	US_HD	I/O	
26	TCK	I/O	
27	TEXT_VD	I/O	
28	TEXT_HD	I/O	
29	VCC	—	Power supply (3.3V)
30	GND	—	Ground
31	PL_BLK	I/O	
32	TDO	I/O	
33	PLCP	I/O	
34	PL_HD	I/O	
35	PL_VD	I/O	
36	GND	—	Ground
37	GCLK1	I	External clock input. 16MHz
38	OE1	I	
39	GCLRn	I	
40	OE2/GCLK2	I	
41	VCC	—	Power supply (3.3V)
42	CNR_CP	I/O	
43	CNR_HBLK	I/O	
44	HD1	I/O	

■ VHiTA1318AF-1 (ASSY: IC604)

- **Sync Processor**

- **Block Diagram**



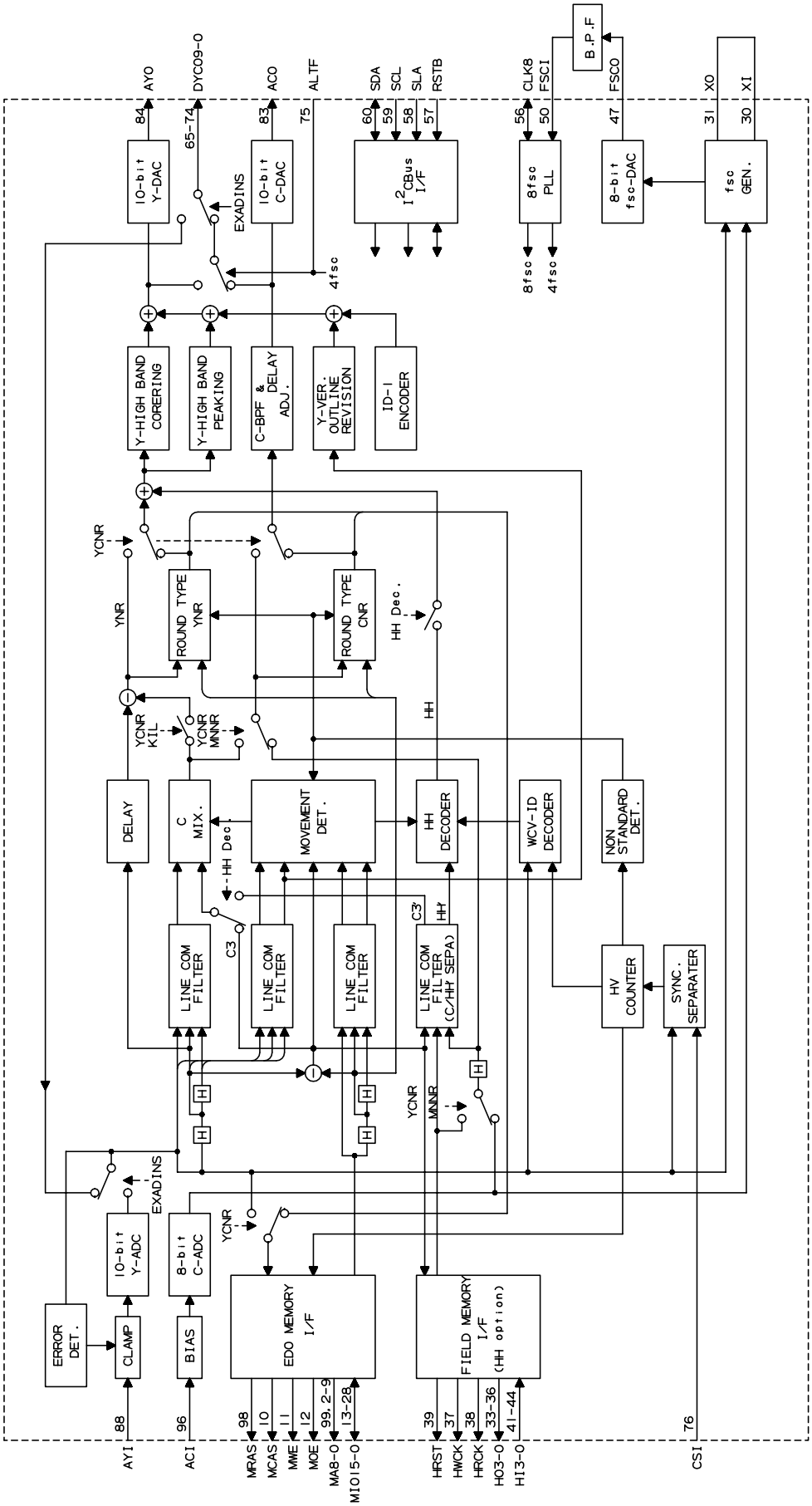
• Pin Function

Pin No.	Pin Name	I/O	Pin Function
3	HD1-IN	I	Input the horizontal synchronizing signal.
1	HD2-IN	I	It's polarity corresponds to both positive and negative.
11	HD3-IN	I	Input from this pin does not be synchronized internally.
4	VD1-IN	I	Input the horizontal vertical signal.
2	VD2-IN	I	It's polarity corresponds to both positive and negative.
10	VD3-IN	I	Input from this pin does not be synchronized internally.
5	ANALOG GND	—	The GND pin for analog circuit block.
6	AFC FILTER	—	Connect the filter for horizontal AFC. The frequency of the horizontal output is varied by the volyage at this pin.
7	HVCO	—	Connect the ceramic oscillator for horizontal oscillator.
8	VCC	—	The VCC pin. (9.0V)
20	DAC1 (V. SYNC output)	O	DAC1 output pin. When TEST mode, VD or vertical sync signal to frequency counter circuit is output.
9	DAC2 (H/C. SYNC output)	O	DAC2 output pin. When TEST mode, HD or composite sync signal to frequency counter circuit is output.
24	DAC3	O	DAC3 output pin. This pin is open-collector system. When TEST mode, test pilses for the shipping is output.
12	CP-OUT	O	Clamp pulse output pin. CP mode at synchronization circuit is output.
13	HD1-OUT	O	HD output pin. This pin is open-collector system.
15	HD2-OUT	O	HD1/HD2 does not be synchronizing and they are output from this pin. It's polarity is switched by BUS write function.
14	DIGITAL GND	—	The GND pin for logic circuit block.
16	SDA	I/O	The SDA pin for I"C BUS.
17	SCL	I	The SCL pin for I"C BUS.
18	ADDRESS SW	I	Slave address switch.
21	SYNC1-IN	I	Input a signal to separate sync signal.
19	SYNC2-IN	I	
22	VD1-OUT	O	VD output pin. This pin is open-collector system.
23	VD2-OUT	O	VD1/VD2 does not be synchronizing and they are output from this pin. It's polarity is switched by BUS write function.

■ VHiPD64082/-1S (ASSY: IC7001)

- **Y/C Separate IC**

- **Block Diagram**



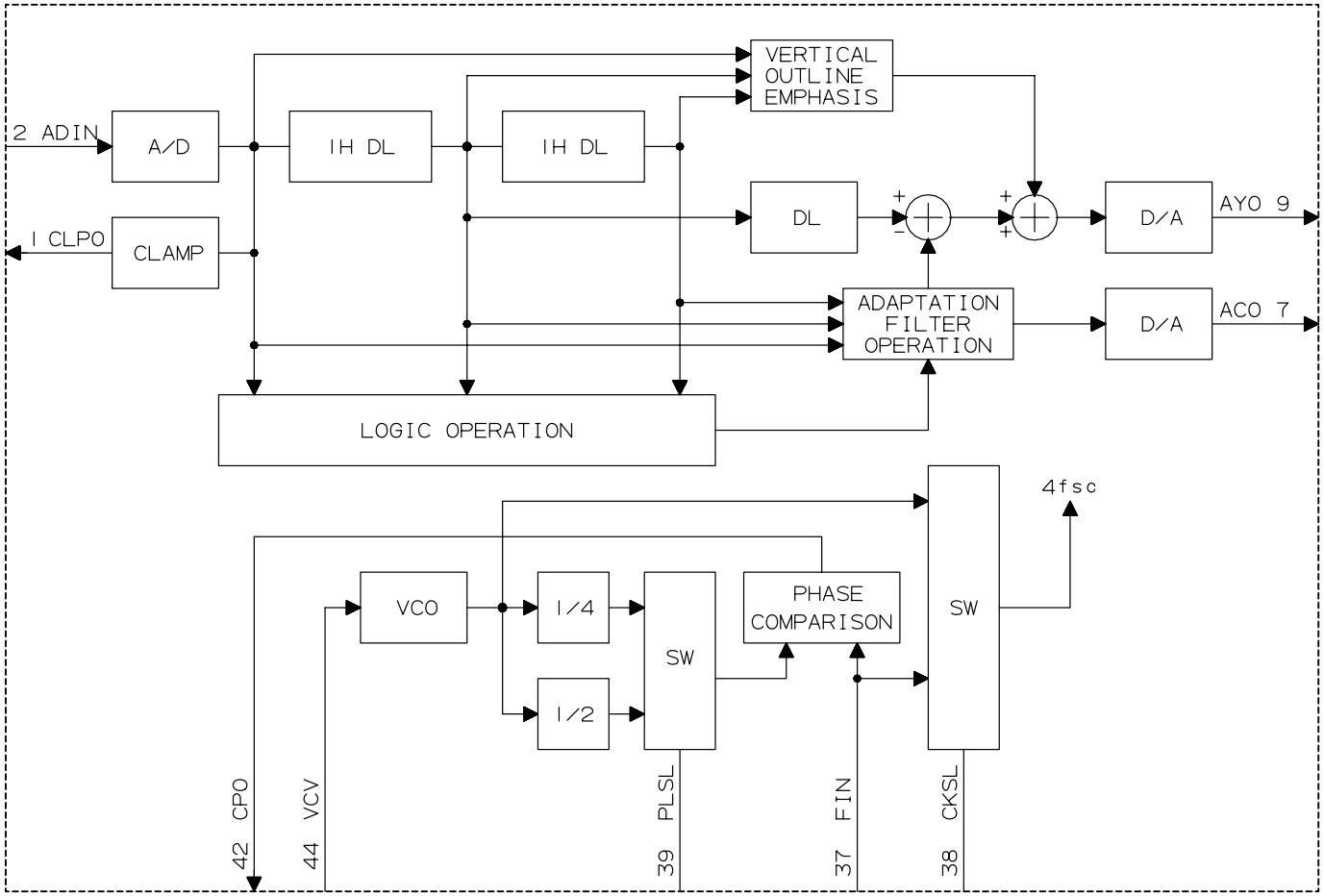
• Pin Function

Pin No.	Pin Name	I/O	Pin Function
1, 40, 55, 80	DGND	—	Digital section grounding.
45, 64, 100	DVDD	—	Digital section power.
98	MRAS	O	External EDO memory RAS output.
99	MA8	O	External EDO memory address output.
2-9	MA7-MA0	O	External EDO memory address output.
10	MCAS	O	External EDO memory CAS output.
11	MWE	O	External EDO memory WE output.
12	MOE	O	External EDO memory OE output.
13-28	MIO15-MIO0	I/O	External EDO memory data input/output.
29	DGND	—	fsc generator digital section grounding.
30	XI	I	fsc generator reference clock input.
31	XO	O	fsc generator reference clock reverse output.
32	DVDD	—	fsc generator digital section power.
33-36	HO3-HO0	O	External field memory data output.
37	HWCK	O	External field memory write clock output.
38	HRCK	O	External field memory read clock output.
39	HRST	O	External field memory reset signal output.
41-44	HI3-HI0	I	External field memory input.
46	AVDD	—	fsc generator DAC power.
47	FSCO	—	fsc generator fsc output.
48	AGND	—	fsc generator DAC grounding.
49	AGND	—	8fsc-PLL grounding.
50	FSCI	—	8fsc-PLL fsc input.
51	CPLL	—	8fsc-PLL filter output.
52	RPLL	I	Test input.
53	AVDD	—	8fsc-PLL power.
54	CKMD	I	CLK8 test mode select (L: Usual, H: Test mode).
56	CLK8	O/I	8fsc clock output (8fsc clock input at CLK8 test mode).
57	RSTB	I	System reset input (Active Low).
58	SLA0	I	(Active-Low reset pulse input from outside) PC bus slave address select input (L: B8/B9h, H: BA/BBh).
59	SCL	I	PC bus clock input (To be connected to system's SCL line).
60	SDA	I/O	PC bus clock input/output (To be connected to system's SDA line).
61	ST0	O	nternal signal monitor output.
62	ST1	O	Internal signal monitor output.
63	NSTD	O	Non-standard detection monitor output. (L: Judged standard, H: Judged non-standard)
65-74	DYCO0-DYCO9	I/O	EXADINS=0: Digital Y/C signal alternate output. EXADINS=1: External Y-ADC data input. (Non-used lower bits to be connected to GND with resistor in between)
75	ALTF	O	EXADINS=0: Digital Y/C signal alternate flag output (L: Y, H: C). EXADINS=1: External Y-ADC 4fsc clock output.
76	CSI	I	Composite sync input (Active Low).
77	TEST	I	IC select test terminal (L: Usual operation, H: Test mode). (Connected to GND)
78	LINE	I	Forced line-to-line process select input (L: Usual operation, H: Forced line-to-line processing).
79	KIL	I	External killer input (L: Usual operation, H: Forced Y/C separation stop).
81	AVDD	—	Y-DAC, C-DAC power.
82	CBPC	O	C-DAC phase compensation output.
83	ACO	O	C-DAC analog C signal output.
84	AYO	O	Y-DAC analog Y signal output.
85	CBPY	O	Y-DAC phase compensation output.
86	AGND	—	Y-DAC, C-DAC grounding.
87	AGND	—	Y-ADC grounding.
88	AYI	I	Y-ADC analog composite signal/Y signal input.
89	VCLY	O	Y-ADC clamp potential output.
90	VRBY	O	Y-ADC bottom reference voltage output.
91	VRTY	O	Y-ADC top reference voltage output.
92	AVDD	—	Y-ADC power.
93	AVDD	—	C-ADC power.
94	VRTC	O	C-ADC top reference voltage output.
95	VRBC	O	C-ADC bottom reference voltage output.
96	ACI	I	C-ADC analog C signal input.
97	AGND	—	C-ADC grounding.

■ VHiCXD2093Q-1 (ASSY: IC402)

- **Digital Comb Filter**

- **Block Diagram**



● Pin Function

Pin No.	Pin Name	I/O	Pin Function
1	CLPO	O	Built-in clamp circuit current output terminal. To be connected to ADIN when built-in clamp is used.
2	ADIN	I	Comb filter analog input (A/D converter) terminal.
3	RB	O	A/D converter reference bottom voltage. (standard 0.52V)
4	ADVS	—	A/D converter analog grounding terminal.
5	ADVD	—	A/D converter analog power terminal. (5.0V)
6	RT	O	A/D converter reference top voltage. (standard 2.6V)
7	ACO	O	Analog chroma signal output terminal. Resistance to be added between this pin and GND (DAVS) for obtaining the output.
8	DAVD	—	D/A converter analog power terminal. (5.0V)
9	AYO	O	Analog luminance signal output terminal. Resistance to be added between this pin and GND (DAVS) for obtaining the output.
10	DAVS	—	D/A converter analog grounding terminal.
11	VG	O	D/A converter terminal.
12	VRF	I	Y,C ch D/A converter output full-scale setting terminal.
13	IRF	O	x16 resistance to be connected against D/A converter output resistance “R”.
14	VB	O	D/A converter terminal.
15, 28	TEST	I	Test terminal. Usually fixed at Low.
32, 33, 35,	TEST	I	Test terminal. Usually open or fixed at Low.
16, 27, 34	DVDD	—	Digital power terminal. (5.0V)
18, 23-26, 29, 36	DVSS	—	Digital grounding terminal.
17	MOD2	I	Y/C separation mode setting terminal. MOD2 MOD1 L L Most suitable process H L BPF separation mode
19	MOD1	I	
20	VEH3	I	Vertical contour enhancement setting terminal. VEH3 VEH2 VEH1: Presettable in 8 steps from LLL(Off) to HHH(Max).
21	VEH2	I	
22	VEH1	I	
30	APCN	I	Horizontal aperture correction circuit setting terminal. L: off, H: on
31	TRAP	I	Trap filter circuit setting terminal. L: off, H: on
37	FIN	I	Clock input terminal. Burst lock (4fsc) to be fed in with built-in PLL system. Burst-locked 4fsc signal to be fed in when PLL is not used.
38	CKSL	I	PLL control terminal. L : PLL not used. FIN input clock (4fsc) to be fed in. H : PLL used. VCO oscillator output’s 4fsc clock to be fed in.
39	PLSL	I	FIN input fsc to be selected. L: fsc input, H: 2fsc input. Either at L or H when 4fsc is fed in PLL (without built-in PLL).
40	MCKO	O	Clock (4fsc) output terminal.
41	ADCK	I	A/D converter clock input terminal. To be connected to MCKO.
42	CPO	O	PLL phase comparator output terminal. Open when PLL is not used.
43	PLVS	—	PLL analog grounding terminal.
44	VCV	I	VCO control voltage input terminal. To be connected to PLVS when PLL is not used.
45	PLVD	—	PLL analog power terminal. (5.0V)
46	CLVD	—	Clamp D/A converter analog power terminal. (5.0V)
47	CLPEN	I	Clamp circuit enable terminal. L: Clamp on, H: Clamp off
48	CLVS	—	Clamp D/A converter analog grounding terminal.

■ **RH-iX3473CEZZ (ASSY: IC804, IC810)**

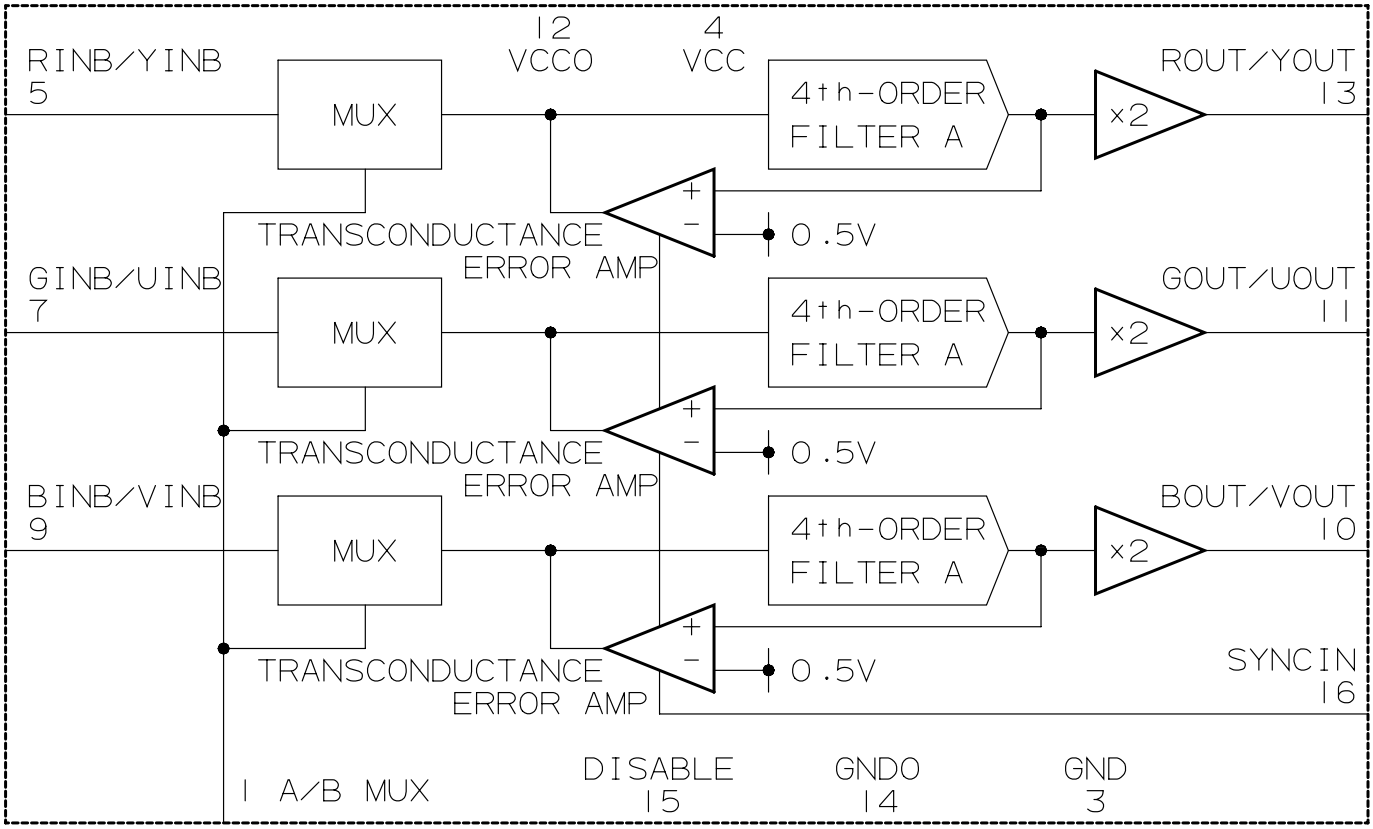
■ **RH-iX3474CEZZ (ASSY: IC811)**

- **Monolithic Video Filter**

* RH-iX3473CEZZ is 6.7MHz at Cut-off frequency.

* RH-iX3474CEZZ is 30MHz at Cut-off frequency.

- **Block Diagram**



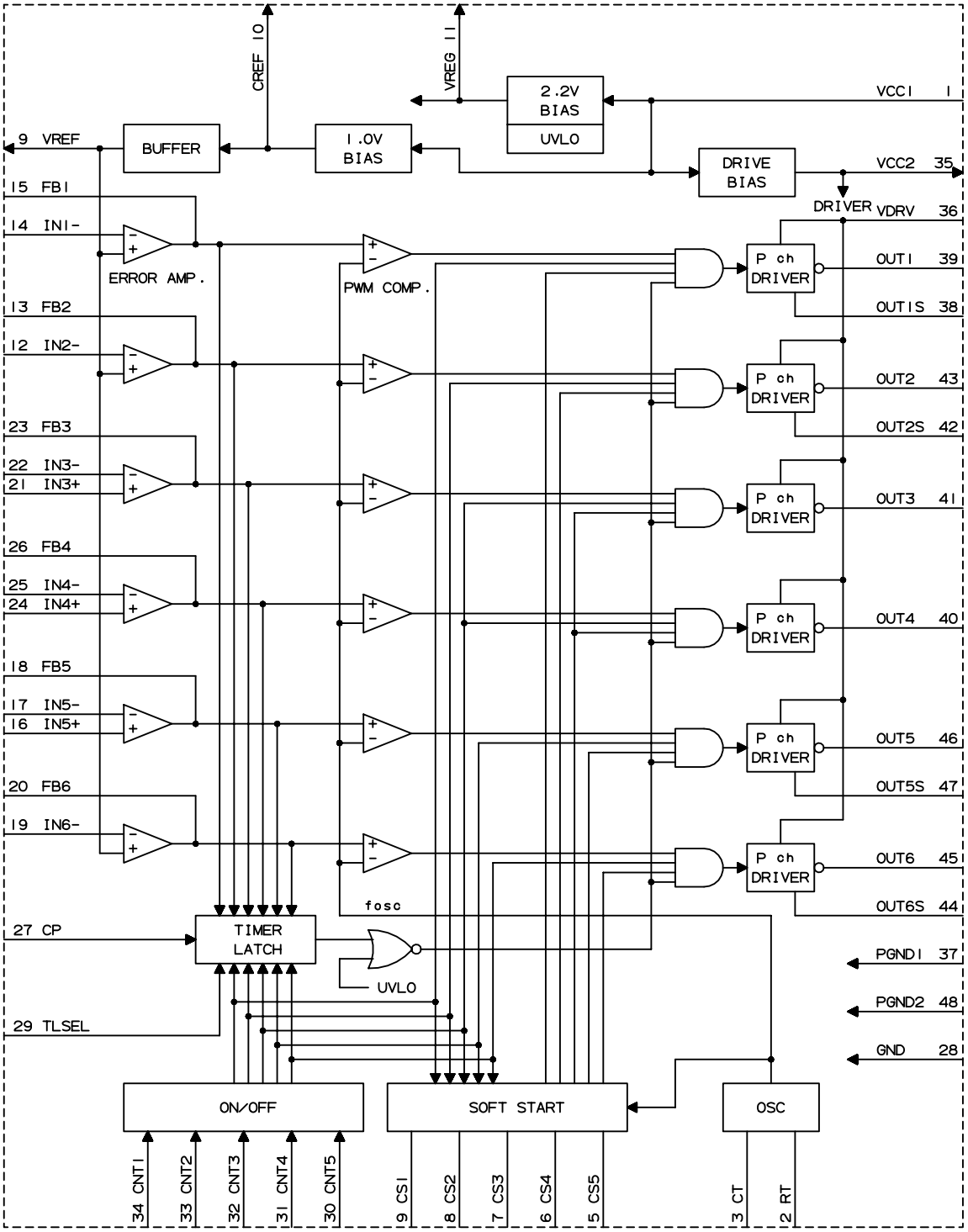
- **Pin Function**

Pin No.	Pin Name	I/O	Pin Function
1	A/B MUX	—	Logic input pin to select between Bank <A> and Bank <B> video inputs. This pin is internally pulled high.
2	RINA/YINA	I	Unfiltered analog R- or Y-channel input for Bank <A>, Sync must be provided at SYNC IN pin.
3	GND	—	Analog ground.
4	VCC	—	Analog 5V supply.
5	RINB/YINB	I	Unfiltered analog R or Y-channel input for Bank <B>, Sync must be provided at SYNC IN pin.
6	GINA/UINA	I	Unfiltered analog G or U-channel input for Bank <A>, Sync must be provided at SYNC IN pin.
7	GINB/UINB	I	Unfiltered analog G or U-channel input for Bank <B>, Sync must be provided at SYNC IN pin.
8	BINA/VINA	I	Unfiltered analog B or V-channel input for Bank <A>, Sync must be provided at SYNC IN pin.
9	BINB/VINB	I	Unfiltered analog B or V-channel input for Bank <B>, Sync must be provided at SYNC IN pin.
10	BOUT	O	Analog B or V-channel output.
11	GOUT	O	Analog G or U-channel output.
12	VCCO	—	5V power supply for output buffers.
13	ROUT	O	Analog R or Y-channel output.
14	GNDO	—	Analog ground.
15	DISABLE	I	Disable/Enable pin. Turns the chip off when logic high. Internally pulled low.
16	SYNC IN	I	Input for an external H-sync logic signal for filter channels. CMOS level input. Active High.

■ VHiFA3675F/-1 (ASSY: IC1701)

- **6-channel DC-DC Converter IC**

- **Block Diagram**



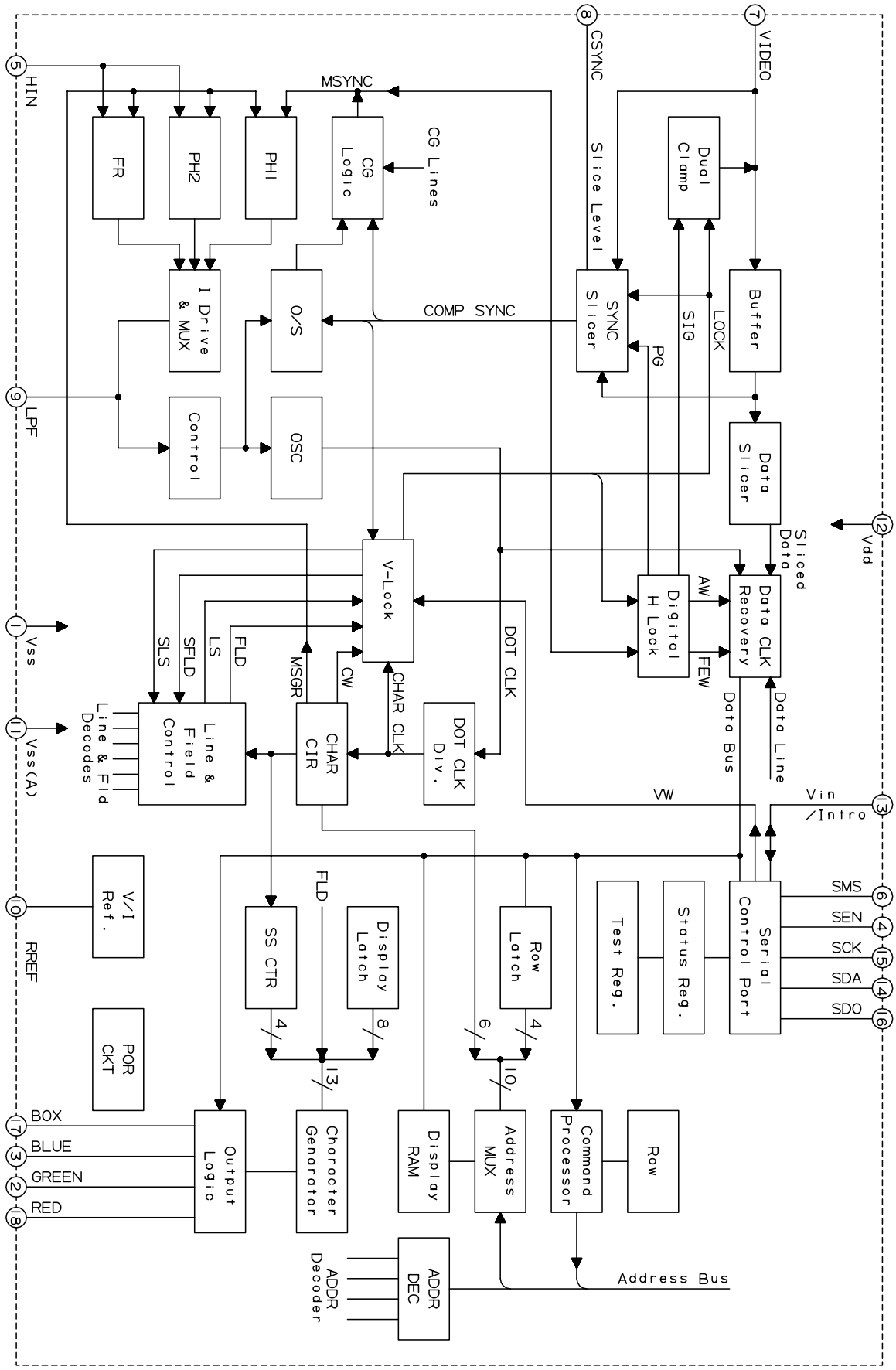
● Pin Function

Pin No.	Pin Name	I/O	Pin Function
1	VCC1	—	Power supply for control circuit.
2	RT	—	Oscillator timing resistor.
3	CT	—	Oscillator timing capacitor.
4	CS3	—	Soft start for Ch.3 & Ch.4.
5	CS5	—	Soft start for Ch.6.
6	CS4	—	Soft start for Ch.5.
7	CS1	—	Soft start for Ch.1
8	CS2	—	Soft start for Ch.2.
9	VREF	O	Reference voltage output.
10	CREF	O	Capacitor for reference voltage output.
11	VREG	O	Regulated for voltage output.
12	IN2-	I	Ch.2 inverting input to error amplifier.
13	FB2	O	Ch.2 output of error amplifier.
14	IN1-	I	Ch.1 inverting input to error amplifier.
15	FB1	O	Ch.1 output of error amplifier.
16	IN5+	I	Ch.5 non-inverting input to error amplifier.
17	IN5-	I	Ch.5 inverting input to error amplifier.
18	FB5	O	Ch.5 output of error amplifier.
19	IN6-	I	Ch.6 inverting input to error amplifier.
20	FB6	O	Ch.6 output of error amplifier.
21	IN3+	I	Ch.3 non-inverting input to error amplifier.
22	IN3-	I	Ch.3 inverting input to error amplifier.
23	FB3	O	Ch.3 output of error amplifier.
24	IN4+	I	Ch.4 non-inverting input to error amplifier.
25	IN4-	I	Ch.4 inverting input to error amplifier.
26	FB4	O	Ch.4 output of error amplifier.
27	CP	I	Timing capacitor for timer latch delay.
28	GND	—	Ground.
29	TLSEL	I	Ch.3 & Ch.4 timer latch selection(Low:disable).
30	CNT5	I	Ch.6 ON/OFF function.
31	CNT4	I	Ch.5 ON/OFF function.
32	CNT2	I	Ch.2 ON/OFF function.
33	CNT3	I	Ch.3 & Ch.4 ON/OFF function.
34	CNT1	I	Ch.1 ON/OFF function.
35	VCC2	—	Power supply for output stage.
36	VDRV	O	Bias for logic circuit of output.
37	PGND1	—	Power ground.
38	OUT1S	O	Ch.1 source electrode of output stage.
39	OUT1	O	Ch.1 output(for Pch-MOSFET)
40	OUT4	O	Ch.4 output(for Pch-MOSFET)
41	OUT3	O	Ch.3 output(for Pch-MOSFET)
42	OUT2S	O	Ch.2 source electrode of output stage.
43	OUT2	O	Ch.2 output(for Pch-MOSFET)
44	OUT6S	O	Ch.6 source electrode of output stage.
45	OUT6	O	Ch.6 output(for Pch-MOSFET)
46	OUT5	O	Ch.5 output(for Pch-MOSFET)
47	OUT5S	O	Ch.5 source electrode of output stage.
48	PGND2	—	Power ground.

■ VHiZ86129S+-1Y (ASSY: IC1602)

- **NTSC Line21 Decoder IC**

- **Block Diagram**



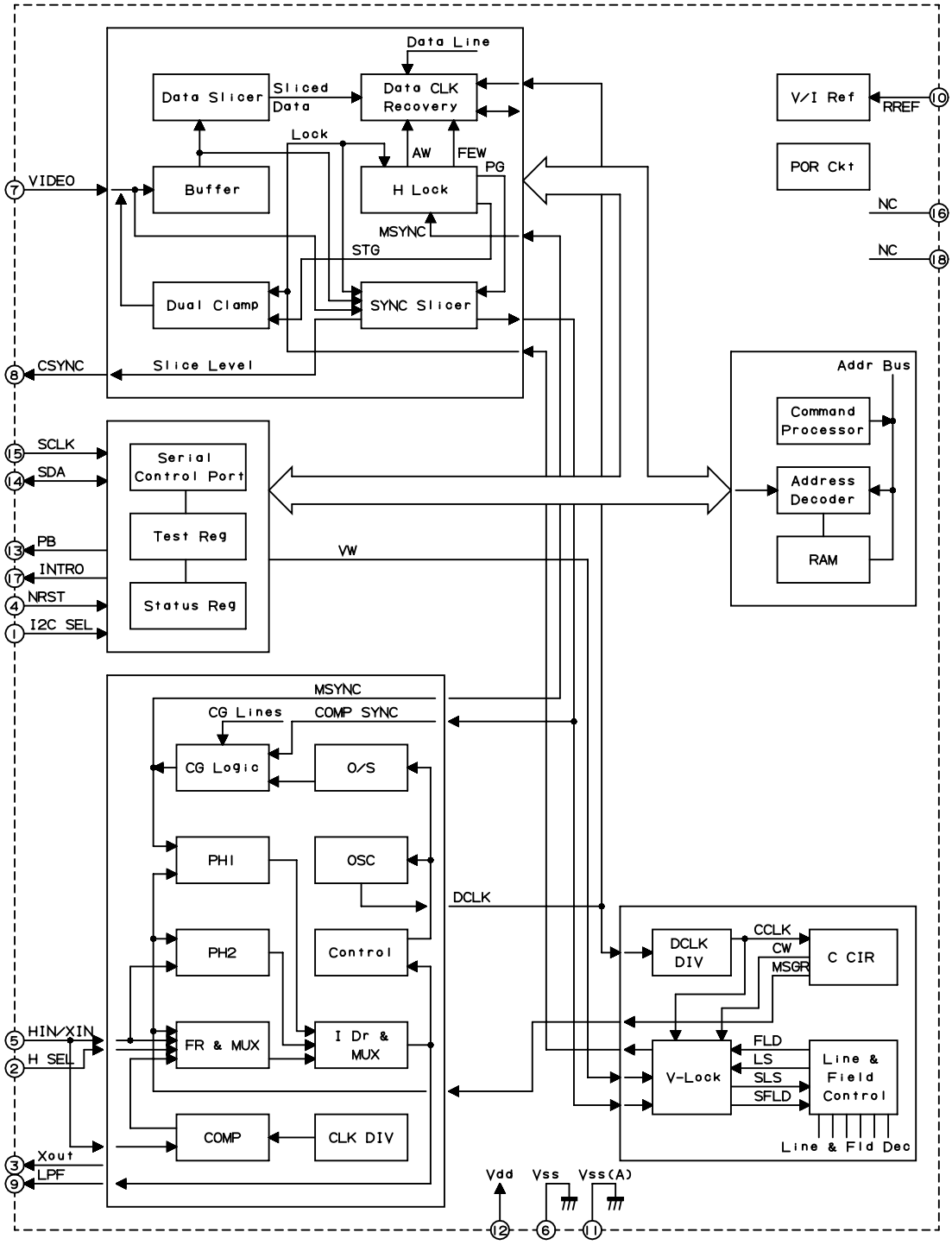
● Pin Function

Pin No.	Pin Name	I/O	Pin Function
1	Vss	—	Power Supply GND.
2	GREEN	O	Video Output
3	BLUE	0	Video Output
4	SEN	I	Serial Enable
5	HIN	I	Horizontal In
6	SMS	I	Serial Mode Select
7	VIDEO	I	Composite Video
8	CSYNC	O	Composite Sync
9	LPF	O	Loop Filter
10	RREF	I	Resistor Reference
11	Vss(A)	—	Power Supply (Analog) GND.
12	Vdd	—	Power Supply
13	Vin/INTRO	I/O	Vertical In/Interrupt Out
14	SDA	I/O	Serial Data
15	SCK	I	Serial Clock
16	SDO	O	Serial Data Out
17	BOX	O	OSD Timing Signal
18	RED	O	Video Output

■ VHiZ86230S+-1Y (ASSY: IC1601, IC1603)

- **NTSC Line21 Decoder IC**

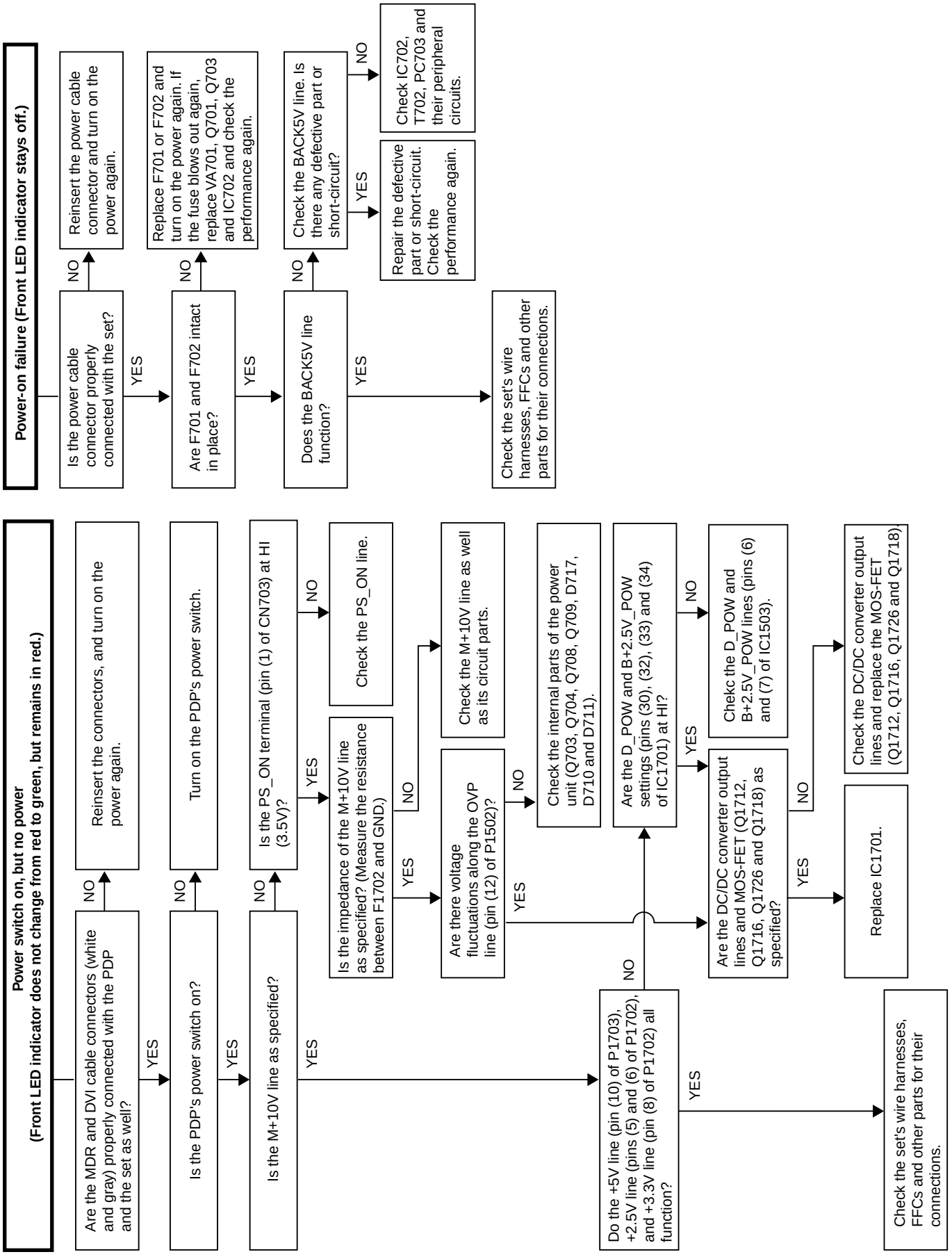
- **Block Diagram**



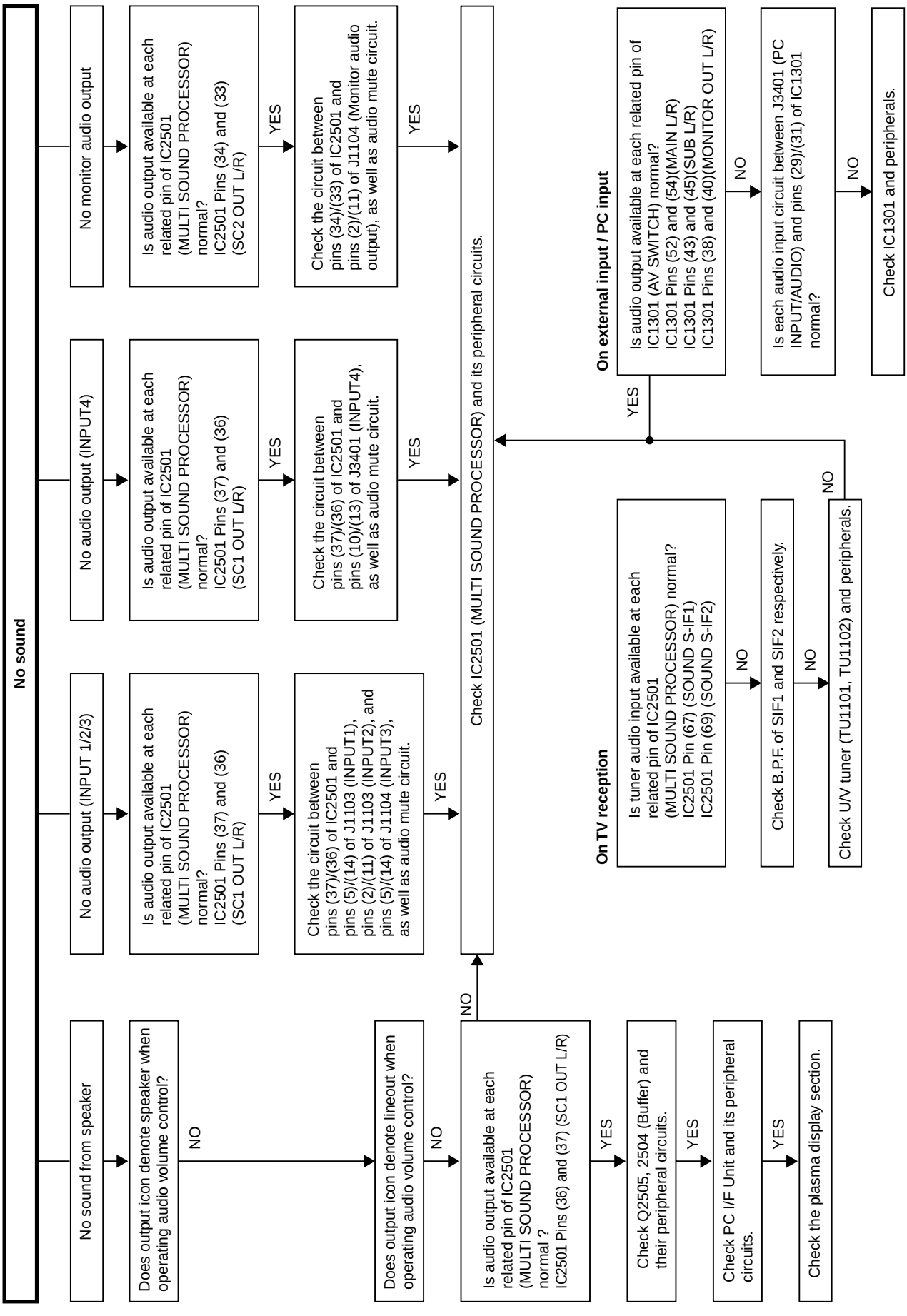
● Pin Function

Pin No.	Pin Name	I/O	Pin Function
1	IICSEL	I	IIC Adderss Select
2	H SEL	I	HIN/XIN Select
3	Xout	0	XTAL Output
4	NRST	I	RESET
5	HIN/XIN	I	Horizontal In/XTAL In
6	Vss	—	Power Supply (Digital) GND.
7	VIDEO	I	Composite Video
8	CSYNC	O	Composite Sync
9	LPF	O	Loop Filter
10	RREF	I	Resistor Reference
11	Vss (A)	—	Power Supply (Analog) GND.
12	Vdd	—	Power Supply +5V
13	PB	O	Program Blocking
14	SDA	I/O	Serial Data
15	SCLK	I	Serial Clock
16	NC	—	No Connect
17	INTRO	O	Interrupt Output
18	NC	—	No Connect

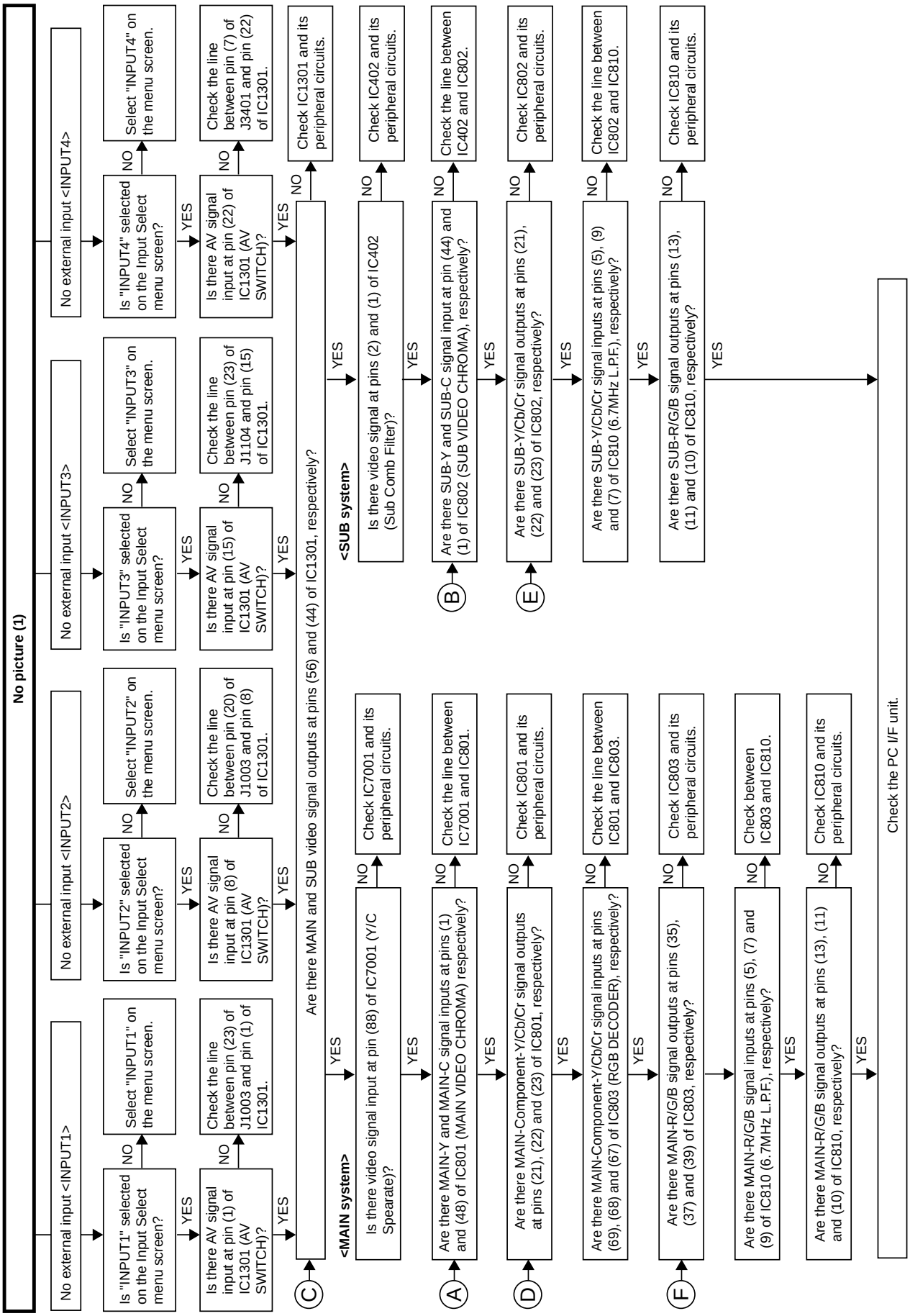
TROUBLE SHOOTING TABLE


Power-on failure (Front LED indicator stays off.)
Is the power cable connector properly connected with the set?
NO
Reinsert the power cable connector and turn on the power again.
YES
Are F701 and F702 intact in place?
NO
Replace F701 or F702 and turn on the power again. If the fuse blows out again, replace VA701, Q701, Q703 and IC702 and check the performance again.
YES
Does the BACK5V line function?
NO
Check the BACK5V line. Is there any defective part or short-circuit?
NO
Check IC702, T702, PC703 and their peripheral circuits.
YES
Repair the defective part or short-circuit. Check the performance again.
YES
Check the set's wire harnesses, FFCs and other parts for their connections.
Power switch on, but no power
(Front LED indicator does not change from red to green, but remains in red.)
Are the MDR and DVI cable connectors (white and gray) properly connected with the PDP and the set as well?
NO
Reinsert the connectors, and turn on the power again.
YES
Is the PDP's power switch on?
NO
Turn on the PDP's power switch.
YES
Is the M+10V line as specified?
NO
Is the PS_ON terminal (pin (1) of CN703) at HI (3.5V)?
NO
Check the PS_ON line.
YES
Is the impedance of the M+10V line as specified? (Measure the resistance between F1702 and GND.)
NO
Check the M+10V line as well as its circuit parts.
YES
Are there voltage fluctuations along the OVP line (pin (12) of P1502)?
NO
Check the internal parts of the power unit (Q703, Q704, Q708, Q709, D717, D710 and D711).
YES
Do the +5V line (pin (10) of P1703), +2.5V line (pins (5) and (6) of P1702), and +3.3V line (pin (8) of P1702) all function?
NO
Are the D_POW and B+2.5V_POW settings (pins (30), (32), (33) and (34) of IC1701) at HI?
NO
Chekc the D_POW and B+2.5V_POW lines (pins (6) and (7) of IC1503).
YES
Are the DC/DC converter output lines and MOS-FET (Q1712, Q1716, Q1726 and Q1718) as specified?
NO
Check the DC/DC converter output lines and replace the MOS-FET (Q1712, Q1716, Q1726 and Q1718)
YES
Replace IC1701.
YES
Check the set's wire harnesses, FFCs and other parts for their connections.

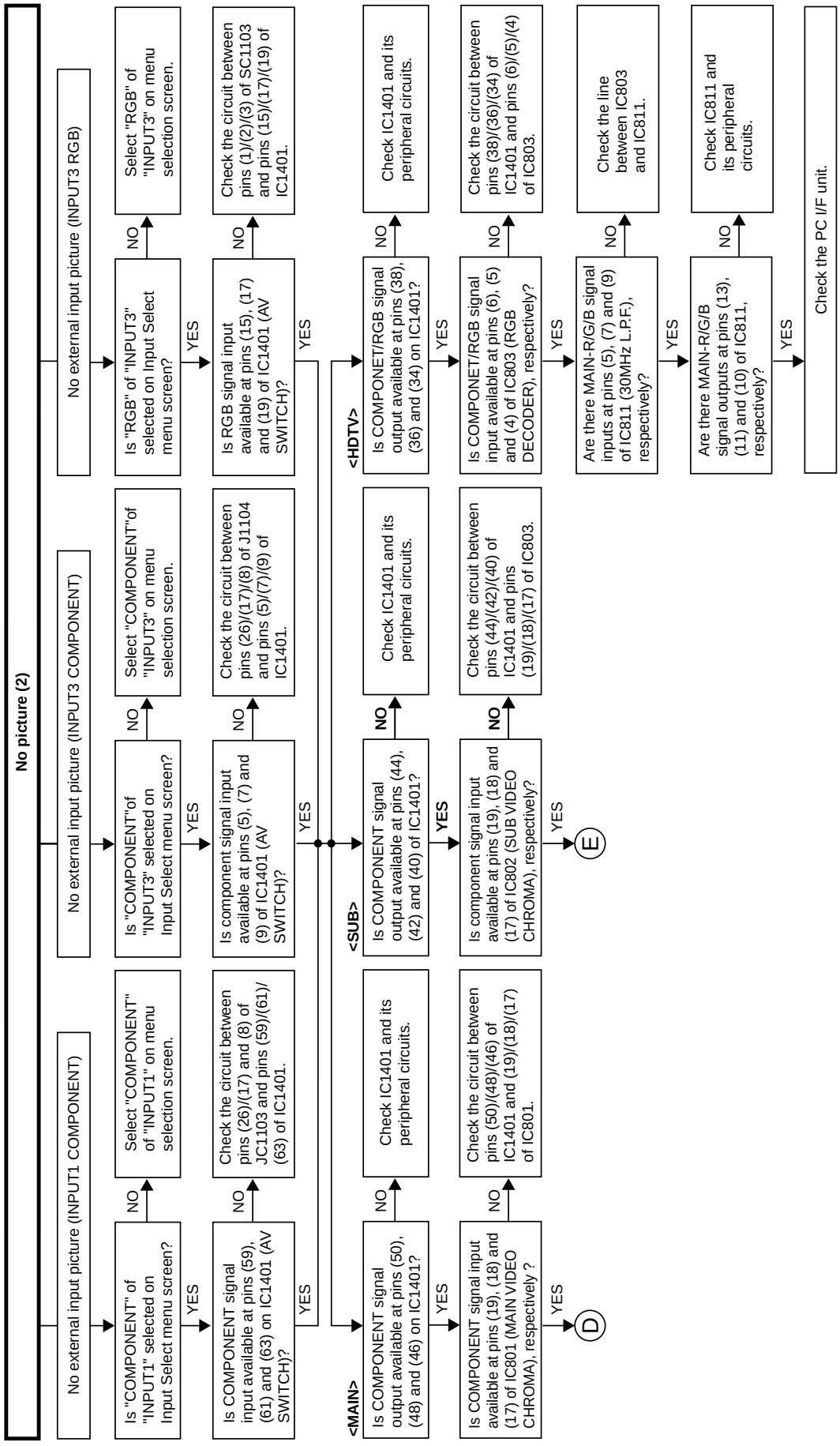
TROUBLE SHOOTING TABLE

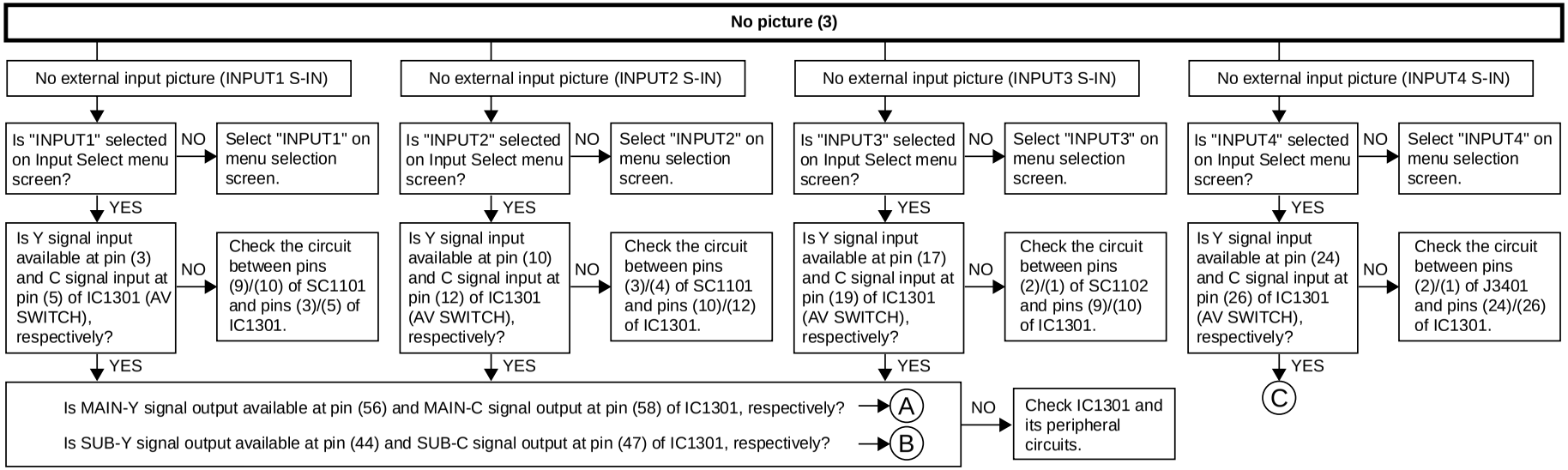

No sound
No sound from speaker
Does output icon denote speaker when operating audio volume control?
NO
Does output icon denote lineout when operating audio volume control?
NO
Is audio output available at each related pin of IC2501 (MULTI SOUND PROCESSOR) normal ? IC2501 Pins (36) and (37) (SC1 OUT L/R)
YES
Check Q2505, 2504 (Buffer) and their peripheral circuits.
YES
Check PC I/F Unit and its peripheral circuits.
YES
Check the plasma display section.
No audio output (INPUT 1/2/3)
Is audio output available at each related pin of IC2501 (MULTI SOUND PROCESSOR) normal? IC2501 Pins (37) and (36) (SC1 OUT L/R)
YES
Check the circuit between pins (37)/(36) of IC2501 and pins (5)/(14) of J1103 (INPUT1), pins (2)/(11) of J1103 (INPUT2), and pins (5)/(14) of J1104 (INPUT3), as well as audio mute circuit.
YES
No audio output (INPUT4)
Is audio output available at each related pin of IC2501 (MULTI SOUND PROCESSOR) normal? IC2501 Pins (37) and (36) (SC1 OUT L/R)
YES
Check the circuit between pins (37)/(36) of IC2501 and pins (10)/(13) of J3401 (INPUT4), as well as audio mute circuit.
YES
No monitor audio output
Is audio output available at each related pin of IC2501 (MULTI SOUND PROCESSOR) normal? IC2501 Pins (34) and (33) (SC2 OUT L/R)
YES
Check the circuit between pins (34)/(33) of IC2501 and pins (2)/(11) of J1104 (Monitor audio output), as well as audio mute circuit.
YES
Check IC2501 (MULTI SOUND PROCESSOR) and its peripheral circuits.
On TV reception
Is tuner audio input available at each related pin of IC2501 (MULTI SOUND PROCESSOR) normal? IC2501 Pin (67) (SOUND S-IF1) IC2501 Pin (69) (SOUND S-IF2)
NO
Check B.P.F. of SIF1 and SIF2 respectively.
NO
Check U/V tuner (TU1101, TU1102) and peripherals.
NO
On external input / PC input
Is audio output available at each related pin of IC1301 (AV SWITCH) normal? IC1301 Pins (52) and (54)(MAIN L/R) IC1301 Pins (43) and (45)(SUB L/R) IC1301 Pins (38) and (40)(MONITOR OUT L/R)
NO
Is each audio input circuit between J3401 (PC INPUT/AUDIO) and pins (29)/(31) of IC1301 normal?
NO
Check IC1301 and peripherals.
YES

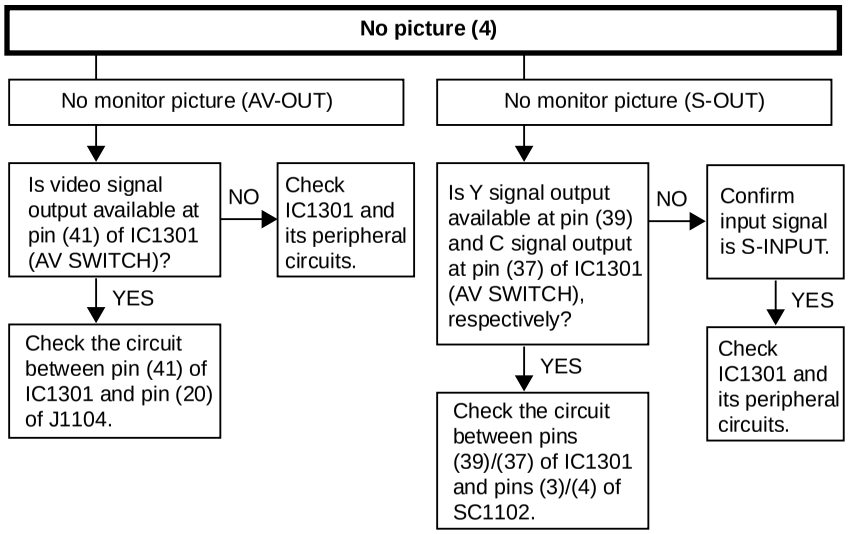
TROUBLE SHOOTING TABLE (Continued)

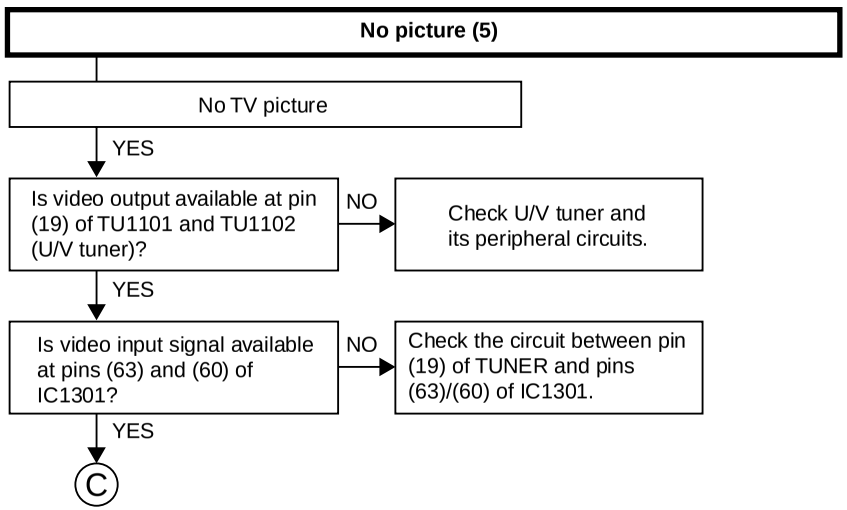

No picture (1)
No external input <INPUT1>
Is "INPUT1" selected on the Input Select menu screen?
NO
Select "INPUT1" on the menu screen.
YES
Is there AV signal input at pin (1) of IC1301 (AV SWITCH)?
NO
Check the line between pin (23) of J1003 and pin (1) of IC1301.
YES
Are there MAIN and SUB video signal outputs at pins (56) and (44) of IC1301, respectively?
NO
Check IC1301 and its peripheral circuits.
YES
<MAIN system>
Is there video signal input at pin (88) of IC7001 (Y/C Spearate)?
NO
Check IC7001 and its peripheral circuits.
YES
Are there MAIN-Y and MAIN-C signal inputs at pins (1) and (48) of IC801 (MAIN VIDEO CHROMA) respectively?
NO
Check the line between IC7001 and IC801.
YES
Are there MAIN-Component-Y/Cb/Cr signal outputs at pins (21), (22) and (23) of IC801, respectively?
NO
Check IC801 and its peripheral circuits.
YES
Are there MAIN-Component-Y/Cb/Cr signal inputs at pins (69), (68) and (67) of IC803 (RGB DECODER), respectively?
NO
Check the line between IC801 and IC803.
YES
Are there MAIN-R/G/B signal outputs at pins (35), (37) and (39) of IC803, respectively?
NO
Check IC803 and its peripheral circuits.
YES
Are there MAIN-R/G/B signal inputs at pins (5), (7) and (9) of IC810 (6.7MHz L.P.F.), respectively?
NO
Check between IC803 and IC810.
YES
Are there MAIN-R/G/B signal outputs at pins (13), (11) and (10) of IC810, respectively?
NO
Check IC810 and its peripheral circuits.
YES
Check the PC I/F unit.
No external input <INPUT2>
Is "INPUT2" selected on the Input Select menu screen?
NO
Select "INPUT2" on the menu screen.
YES
Is there AV signal input at pin (8) of IC1301 (AV SWITCH)?
NO
Check the line between pin (20) of J1003 and pin (8) of IC1301.
YES
Are there MAIN and SUB video signal outputs at pins (56) and (44) of IC1301, respectively?
NO
Check IC1301 and its peripheral circuits.
YES
<SUB system>
Is there video signal at pins (2) and (1) of IC402 (Sub Comb Filter)?
NO
Check IC402 and its peripheral circuits.
YES
Are there SUB-Y and SUB-C signal input at pin (44) and (1) of IC802 (SUB VIDEO CHROMA), respectively?
NO
Check the line between IC402 and IC802.
YES
Are there SUB-Y/Cb/Cr signal outputs at pins (21), (22) and (23) of IC802, respectively?
NO
Check IC802 and its peripheral circuits.
YES
Are there SUB-Y/Cb/Cr signal inputs at pins (5), (9) and (7) of IC810 (6.7MHz L.P.F.), respectively?
NO
Check the line between IC802 and IC810.
YES
Are there SUB-R/G/B signal outputs at pins (13), (11) and (10) of IC810, respectively?
NO
Check IC810 and its peripheral circuits.
YES
No external input <INPUT3>
Is "INPUT3" selected on the Input Select menu screen?
NO
Select "INPUT3" on the menu screen.
YES
Is there AV signal input at pin (15) of IC1301 (AV SWITCH)?
NO
Check the line between pin (23) of J1104 and pin (15) of IC1301.
YES
No external input <INPUT4>
Is "INPUT4" selected on the Input Select menu screen?
NO
Select "INPUT4" on the menu screen.
YES
Is there AV signal input at pin (22) of IC1301 (AV SWITCH)?
NO
Check the line between pin (7) of J3401 and pin (22) of IC1301.
YES
A
B
C
D
E
F

TROUBLE SHOOTING TABLE (Continued)

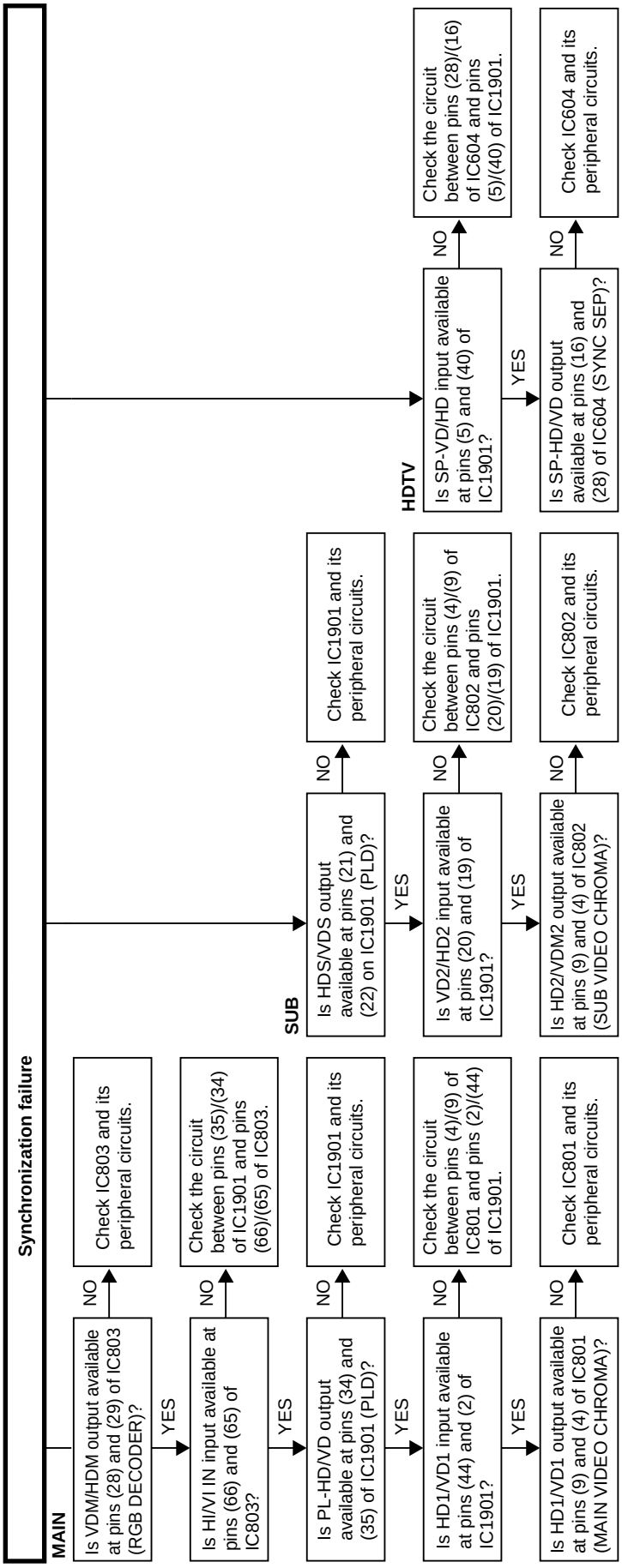

No picture (2)
No external input picture (INPUT1 COMPONENT)
Is "COMPONENT" of "INPUT1" selected on Input Select menu screen?
NO
Select "COMPONENT" of "INPUT1" on menu selection screen.
YES
Is COMPONENT signal input available at pins (59), (61) and (63) on IC1401 (AV SWITCH)?
NO
Check the circuit between pins (26)/(17) and (8) of JC1103 and pins (59)/(61)/(63) of IC1401.
YES
<MAIN>
Is COMPONENT signal output available at pins (50), (48) and (46) on IC1401?
NO
Check IC1401 and its peripheral circuits.
YES
Is COMPONENT signal input available at pins (19), (18) and (17) of IC801 (MAIN VIDEO CHROMA), respectively ?
NO
Check the circuit between pins (50)/(48)/(46) of IC1401 and (19)/(18)/(17) of IC801.
YES
D
No external input picture (INPUT3 COMPONENT)
Is "COMPONENT"of "INPUT3" selected on Input Select menu screen?
NO
Select "COMPONENT"of "INPUT3" on menu selection screen.
YES
Is component signal input available at pins (5), (7) and (9) of IC1401 (AV SWITCH)?
NO
Check the circuit between pins (26)/(17)/(8) of J1104 and pins (5)/(7)/(9) of IC1401.
YES
<SUB>
Is COMPONENT signal output available at pins (44), (42) and (40) of IC1401?
NO
Check IC1401 and its peripheral circuits.
YES
Is component signal input available at pins (19), (18) and (17) of IC802 (SUB VIDEO CHROMA), respectively?
NO
Check the circuit between pins (44)/(42)/(40) of IC1401 and pins (19)/(18)/(17) of IC803.
YES
E
No external input picture (INPUT3 RGB)
Is "RGB" of "INPUT3" selected on Input Select menu screen?
NO
Select "RGB" of "INPUT3" on menu selection screen.
YES
Is RGB signal input available at pins (15), (17) and (19) of IC1401 (AV SWITCH)?
NO
Check the circuit between pins (1)/(2)/(3) of SC1103 and pins (15)/(17)/(19) of IC1401.
YES
<HDTV>
Is COMPONET/RGB signal output available at pins (38), (36) and (34) on IC1401?
NO
Check IC1401 and its peripheral circuits.
YES
Is COMPONET/RGB signal input available at pins (6), (5) and (4) of IC803 (RGB DECODER), respectively?
NO
Check the circuit between pins (38)/(36)/(34) of IC1401 and pins (6)/(5)/(4) of IC803.
YES
Are there MAIN-R/G/B signal inputs at pins (5), (7) and (9) of IC811 (30MHz L.P.F.), respectively?
NO
Check the line between IC803 and IC811.
YES
Are there MAIN-R/G/B signal outputs at pins (13), (11) and (10) of IC811, respectively?
NO
Check IC811 and its peripheral circuits.
YES
Check the PC I/F unit.


No picture (3)
No external input picture (INPUT1 S-IN)
No external input picture (INPUT2 S-IN)
No external input picture (INPUT3 S-IN)
No external input picture (INPUT4 S-IN)
Is "INPUT1" selected on Input Select menu screen?
NO
Select "INPUT1" on menu selection screen.
YES
Is "INPUT2" selected on Input Select menu screen?
NO
Select "INPUT2" on menu selection screen.
YES
Is "INPUT3" selected on Input Select menu screen?
NO
Select "INPUT3" on menu selection screen.
YES
Is "INPUT4" selected on Input Select menu screen?
NO
Select "INPUT4" on menu selection screen.
YES
Is Y signal input available at pin (3) and C signal input at pin (5) of IC1301 (AV SWITCH), respectively?
NO
Check the circuit between pins (9)/(10) of SC1101 and pins (3)/(5) of IC1301.
YES
Is Y signal input available at pin (10) and C signal input at pin (12) of IC1301 (AV SWITCH), respectively?
NO
Check the circuit between pins (3)/(4) of SC1101 and pins (10)/(12) of IC1301.
YES
Is Y signal input available at pin (17) and C signal input at pin (19) of IC1301 (AV SWITCH), respectively?
NO
Check the circuit between pins (2)/(1) of SC1102 and pins (9)/(10) of IC1301.
YES
Is Y signal input available at pin (24) and C signal input at pin (26) of IC1301 (AV SWITCH), respectively?
NO
Check the circuit between pins (2)/(1) of J3401 and pins (24)/(26) of IC1301.
YES
C
YES
YES
YES
Is MAIN-Y signal output available at pin (56) and MAIN-C signal output at pin (58) of IC1301, respectively?
A
Is SUB-Y signal output available at pin (44) and SUB-C signal output at pin (47) of IC1301, respectively?
B
NO
Check IC1301 and its peripheral circuits.

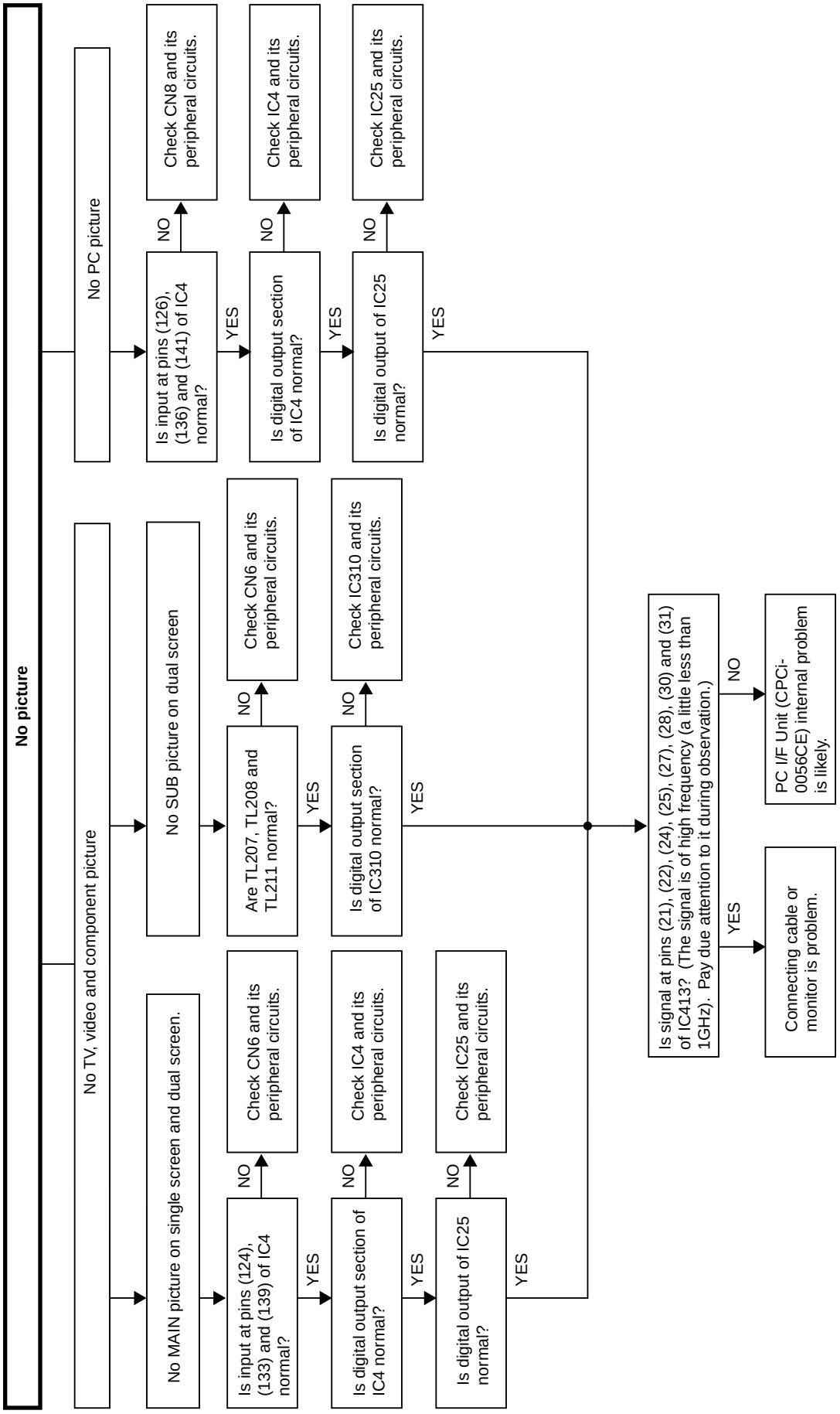

No picture (4)
No monitor picture (AV-OUT)
No monitor picture (S-OUT)
Is video signal output available at pin (41) of IC1301 (AV SWITCH)?
NO
Check IC1301 and its peripheral circuits.
YES
Check the circuit between pin (41) of IC1301 and pin (20) of J1104.
Is Y signal output available at pin (39) and C signal output at pin (37) of IC1301 (AV SWITCH), respectively?
NO
Confirm input signal is S-INPUT.
YES
Check IC1301 and its peripheral circuits.
YES
Check the circuit between pins (39)/(37) of IC1301 and pins (3)/(4) of SC1102.


No picture (5)
No TV picture
YES
Is video output available at pin (19) of TU1101 and TU1102 (U/V tuner)?
NO
Check U/V tuner and its peripheral circuits.
YES
Is video input signal available at pins (63) and (60) of IC1301?
NO
Check the circuit between pin (19) of TUNER and pins (63)/(60) of IC1301.
YES
C

TROUBLE SHOOTING TABLE (Continued)

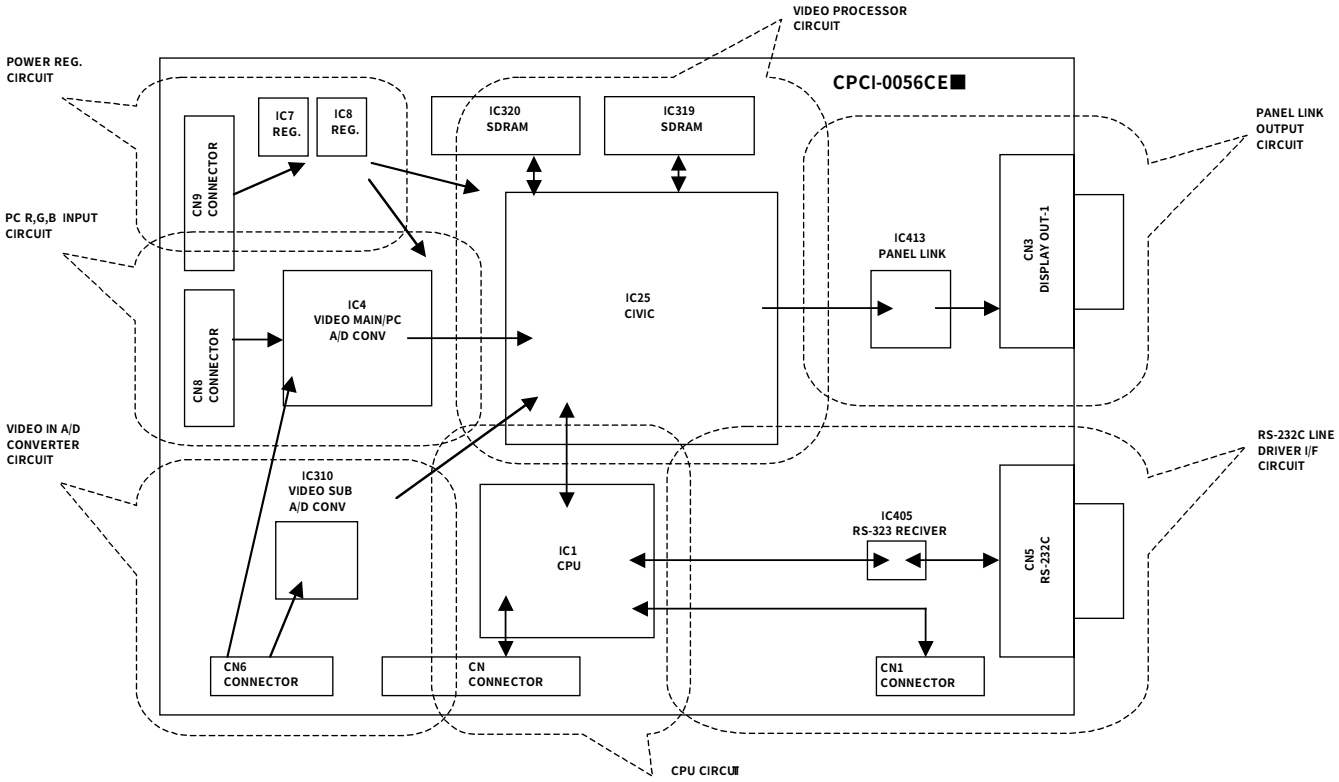

Synchronization failure
MAIN
Is VDM/HDM output available at pins (28) and (29) of IC803 (RGB DECODER)?
NO
Check IC803 and its peripheral circuits.
YES
Is HI/VI IN input available at pins (66) and (65) of IC803?
NO
Check the circuit between pins (35)/(34) of IC1901 and pins (66)/(65) of IC803.
YES
Is PL-HD/VD output available at pins (34) and (35) of IC1901 (PLD)?
NO
Check IC1901 and its peripheral circuits.
YES
Is HD1/VD1 input available at pins (44) and (2) of IC1901?
NO
Check the circuit between pins (4)/(9) of IC801 and pins (2)/(44) of IC1901.
YES
Is HD1/VD1 output available at pins (9) and (4) of IC801 (MAIN VIDEO CHROMA)?
NO
Check IC801 and its peripheral circuits.
SUB
Is HDS/VDS output available at pins (21) and (22) on IC1901 (PLD)?
NO
Check IC1901 and its peripheral circuits.
YES
Is VD2/HD2 input available at pins (20) and (19) of IC1901?
NO
Check the circuit between pins (4)/(9) of IC802 and pins (20)/(19) of IC1901.
YES
Is HD2/VDM2 output available at pins (9) and (4) of IC802 (SUB VIDEO CHROMA)?
NO
Check IC802 and its peripheral circuits.
HDTV
Is SP-VD/HD input available at pins (5) and (40) of IC1901?
NO
Check the circuit between pins (28)/(16) of IC604 and pins (5)/(40) of IC1901.
YES
Is SP-HD/VD output available at pins (16) and (28) of IC604 (SYNC SEP)?
NO
Check IC604 and its peripheral circuits.

● PC I/F Unit TROUBLESHOOTING

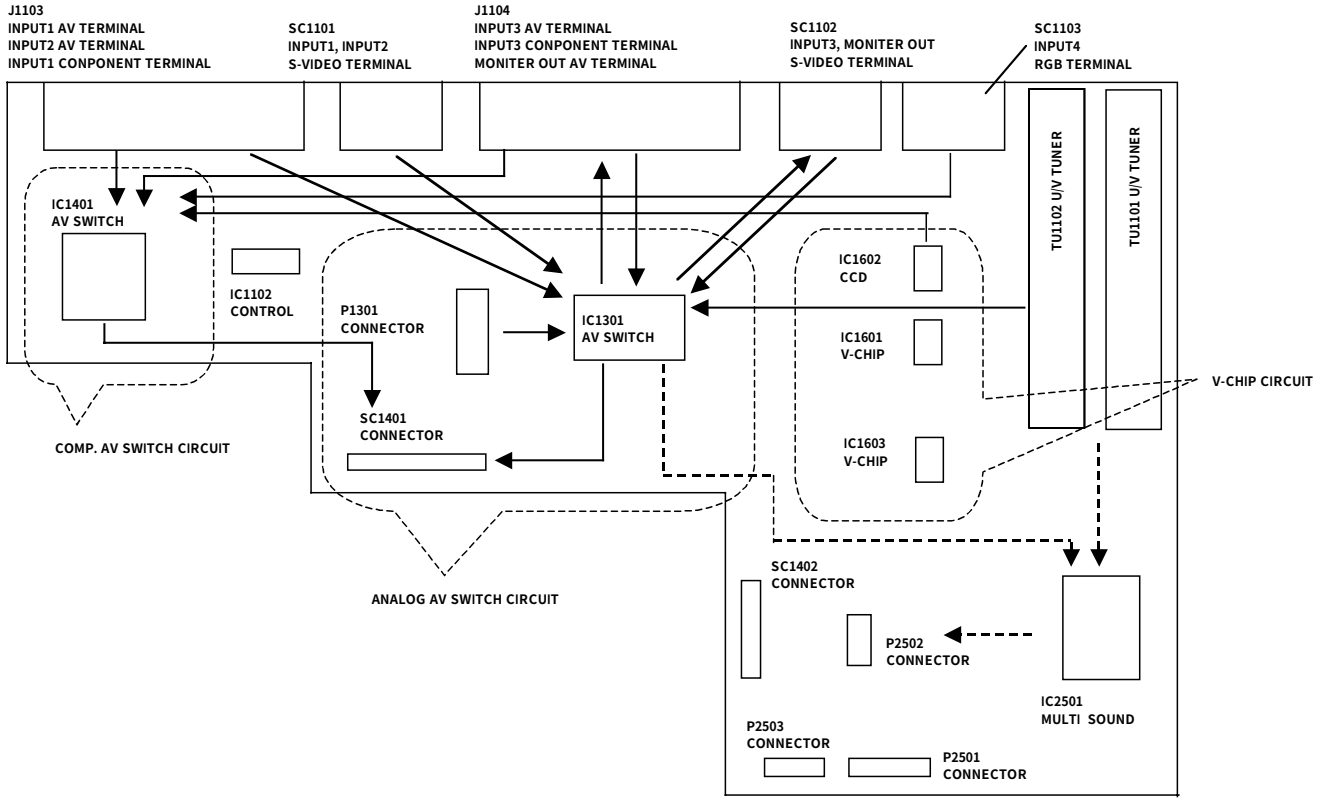

No picture
No TV, video and component picture
No MAIN picture on single screen and dual screen.
Is input at pins (124), (133) and (139) of IC4 normal?
NO
Check CN6 and its peripheral circuits.
YES
Is digital output section of IC4 normal?
NO
Check IC4 and its peripheral circuits.
YES
Is digital output of IC25 normal?
NO
Check IC25 and its peripheral circuits.
YES
No SUB picture on dual screen
Are TL207, TL208 and TL211 normal?
NO
Check CN6 and its peripheral circuits.
YES
Is digital output section of IC310 normal?
NO
Check IC310 and its peripheral circuits.
YES
No PC picture
Is input at pins (126), (136) and (141) of IC4 normal?
NO
Check CN8 and its peripheral circuits.
YES
Is digital output section of IC4 normal?
NO
Check IC4 and its peripheral circuits.
YES
Is digital output of IC25 normal?
NO
Check IC25 and its peripheral circuits.
YES
Is signal at pins (21), (22), (24), (25), (27), (28), (30) and (31) of IC413? (The signal is of high frequency (a little less than 1GHz). Pay due attention to it during observation.)
NO
PC I/F Unit (CPCi-0056CE) internal problem is likely.
YES
Connecting cable or monitor is problem.

PRINTED WIRING BOARD BLOCK DIAGRAM-1/2

●PC I/F Unit

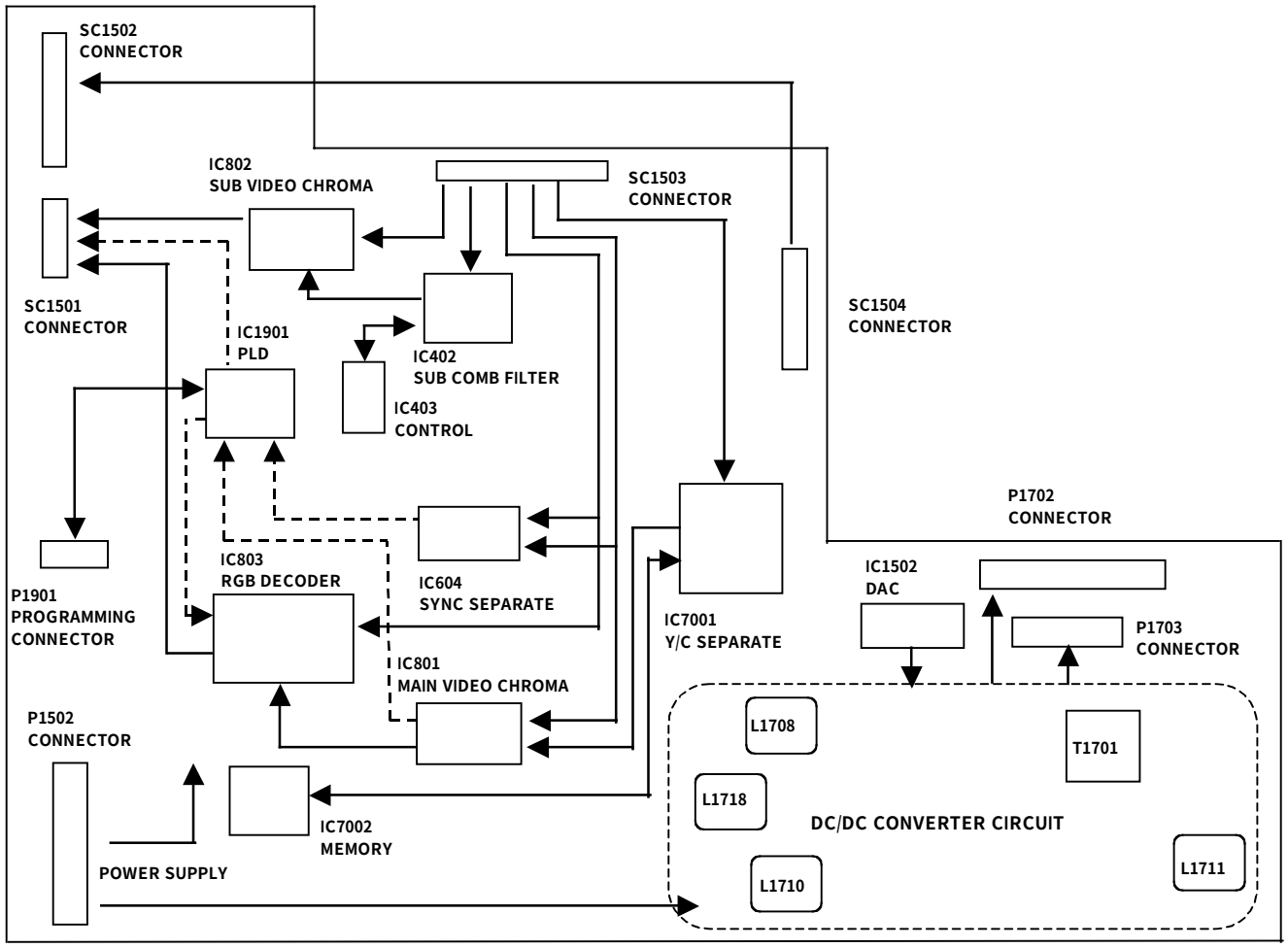


●AV Unit



PRINTED WIRING BOARD BLOCK DIAGRAM-2/2

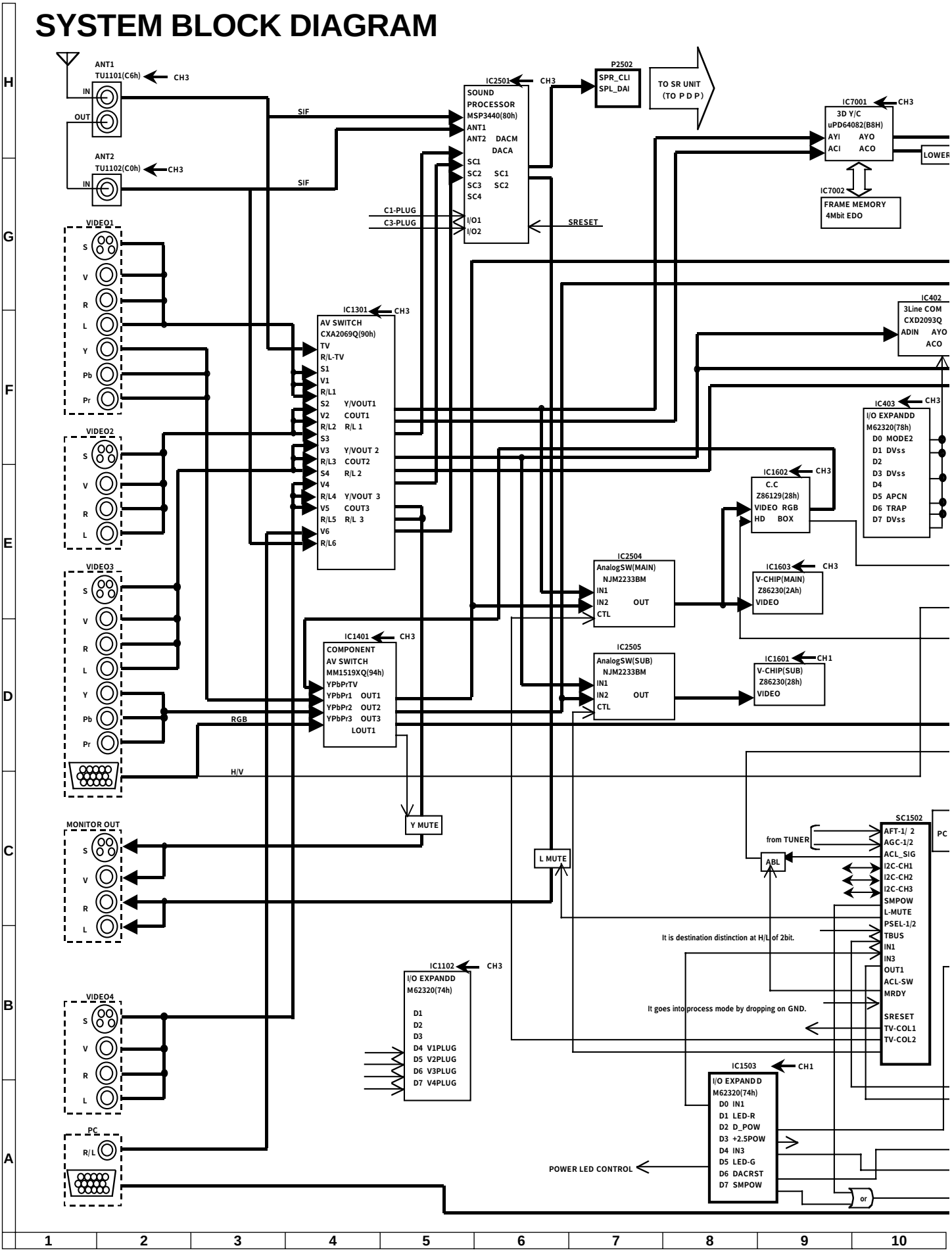
●MAIN Unit

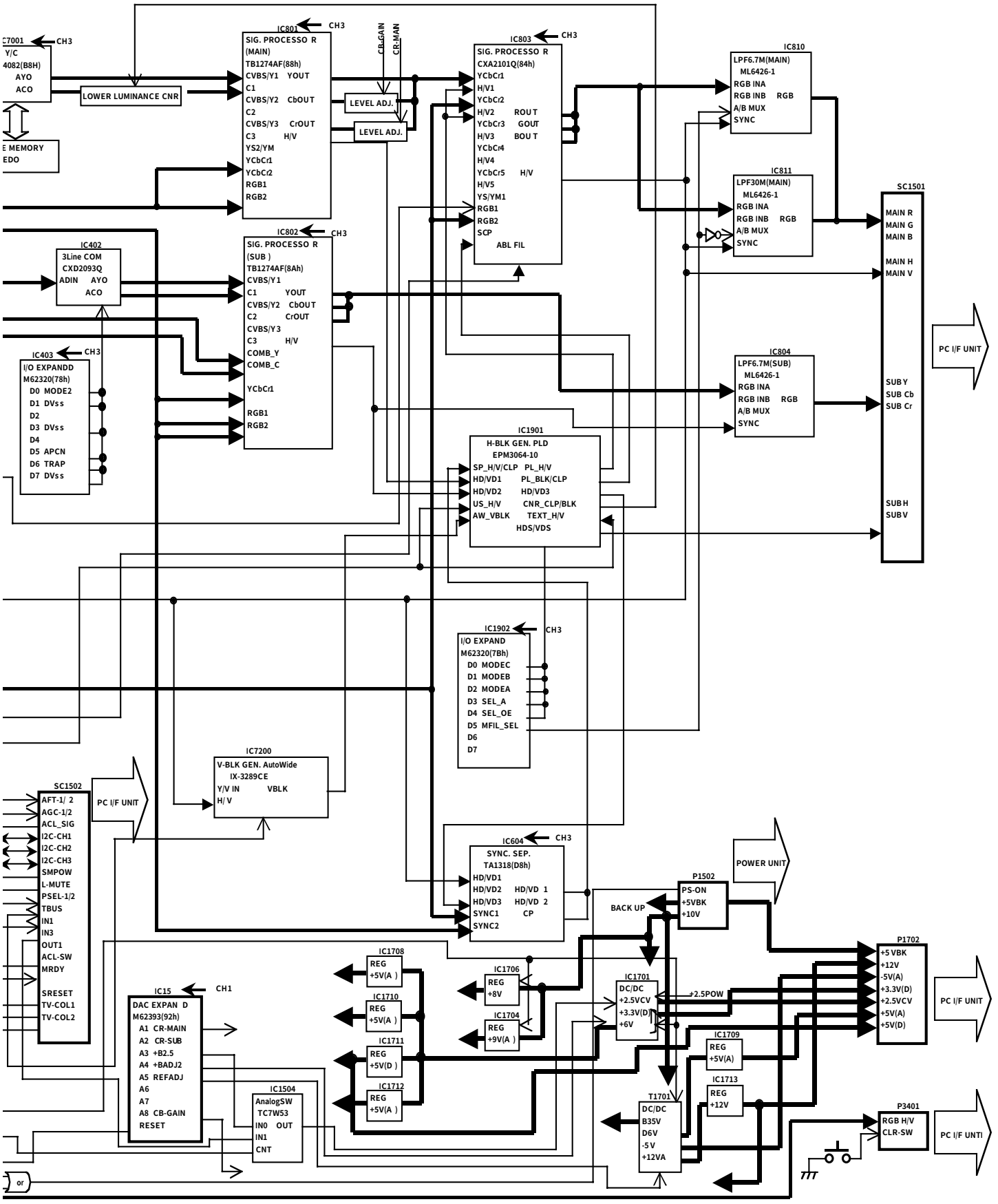


H G F E D C B A

1 2 3 4 5 6

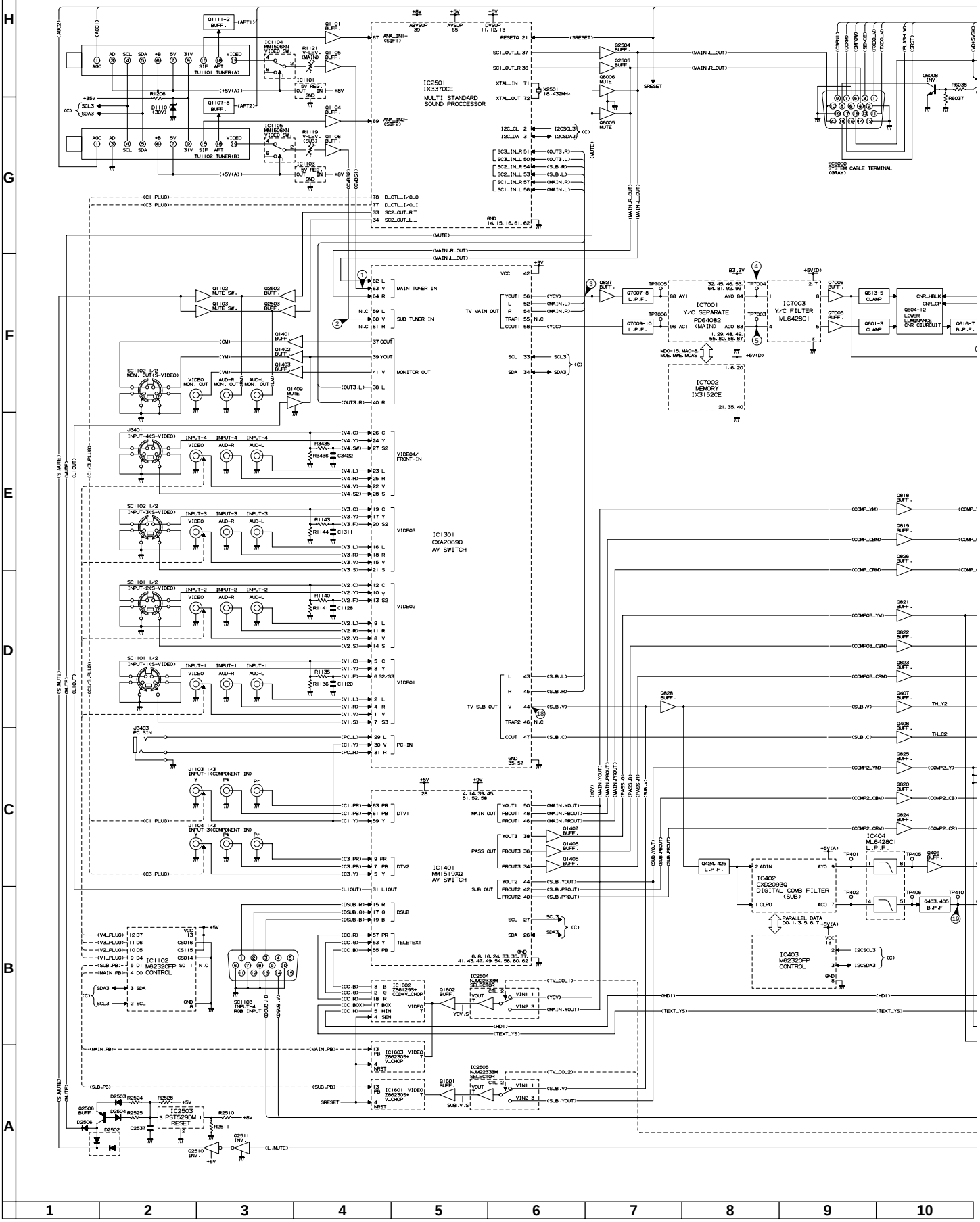
SYSTEM BLOCK DIAGRAM

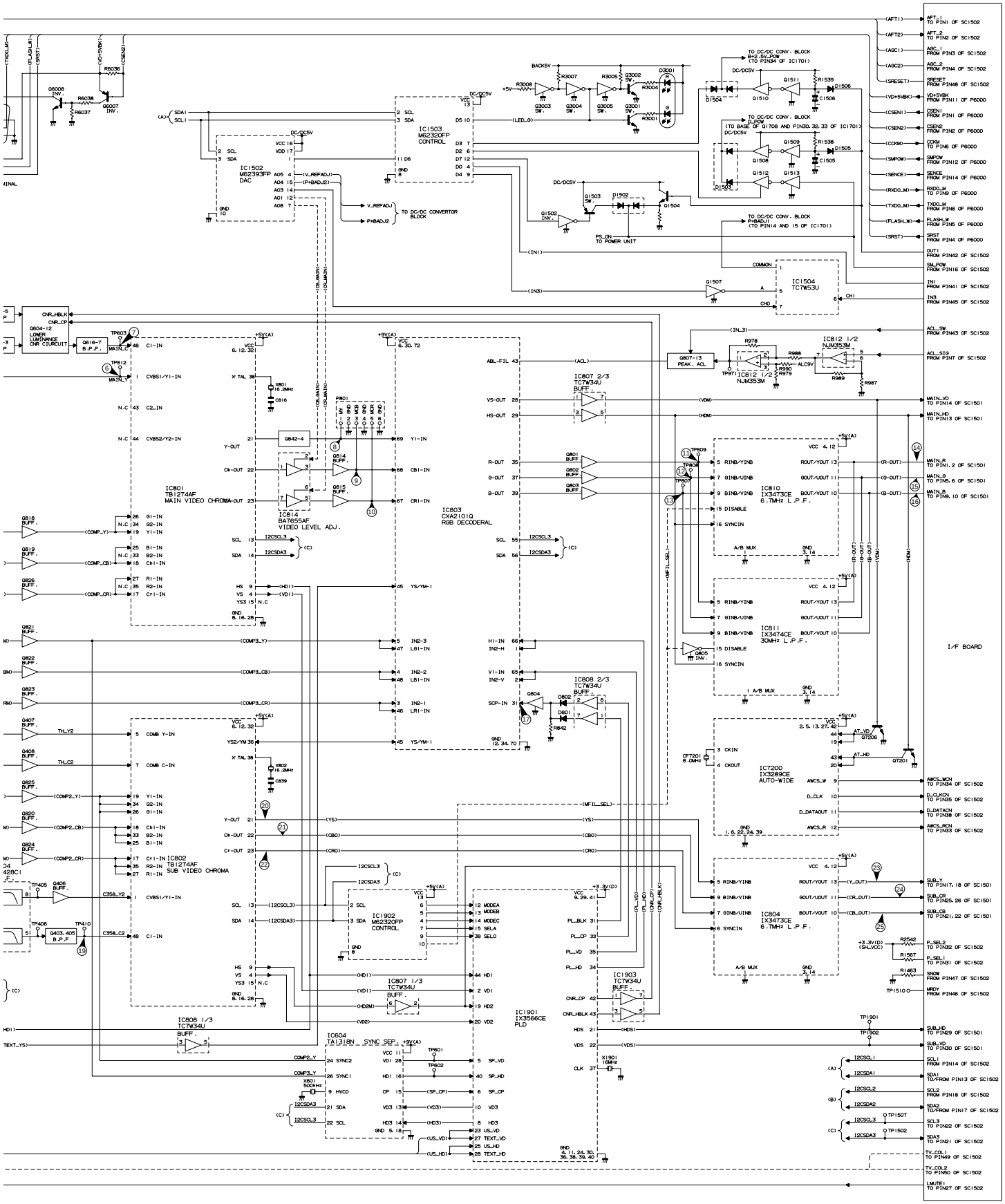




10	11	12	13	14	15	16	17	18	19

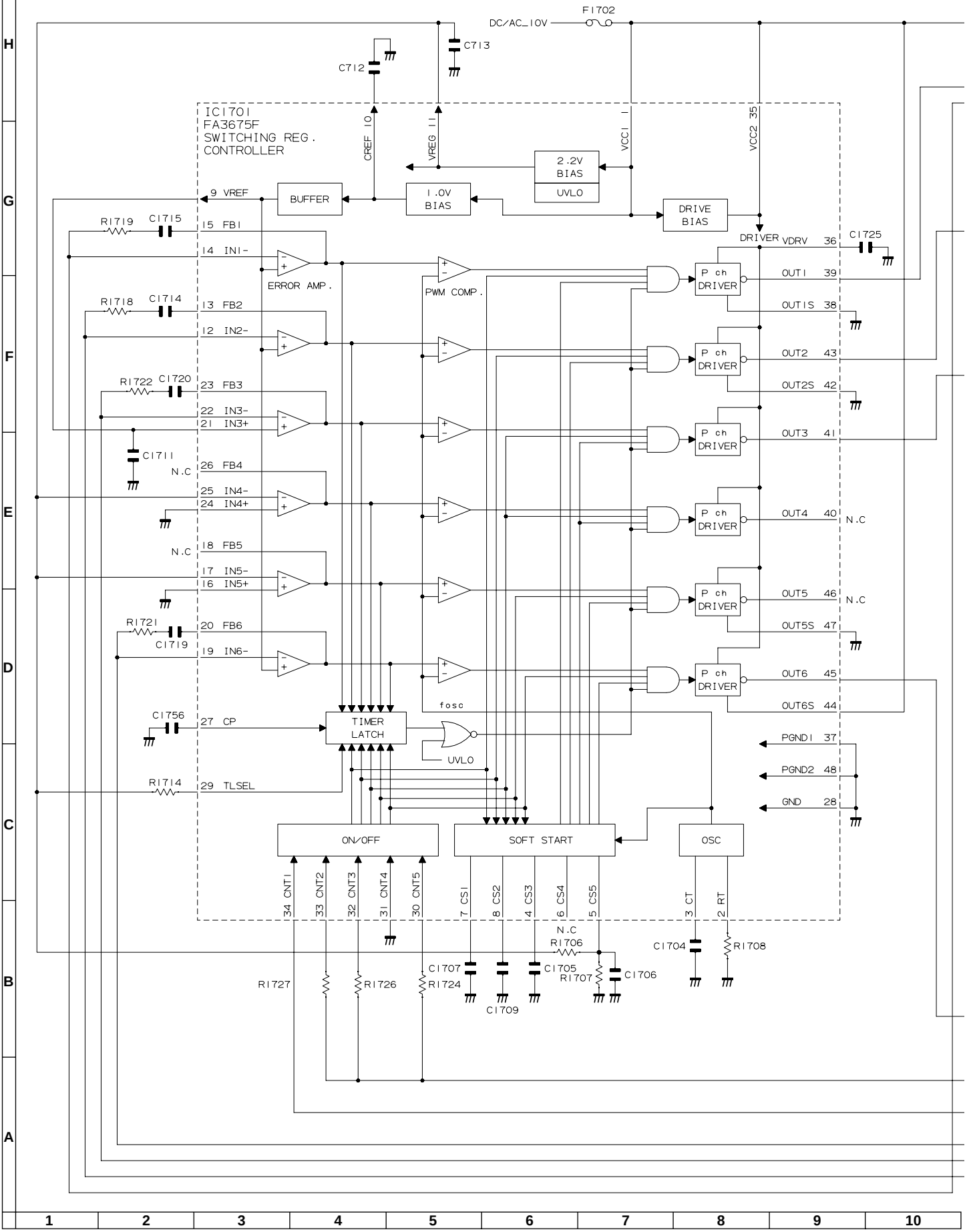
SIGNAL FLOW BLOCK DIAGRAM

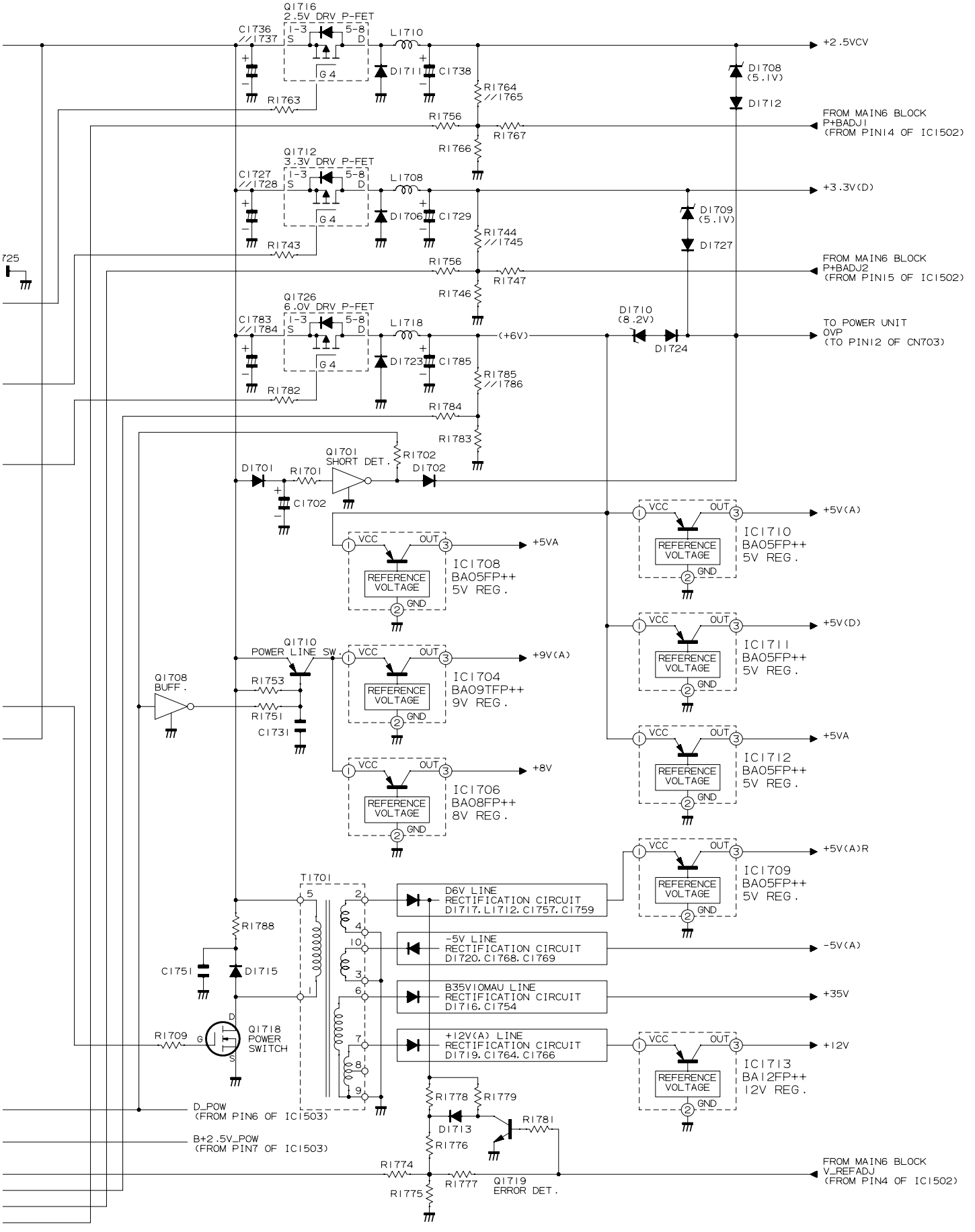




10	11	12	13	14	15	16	17	18	19

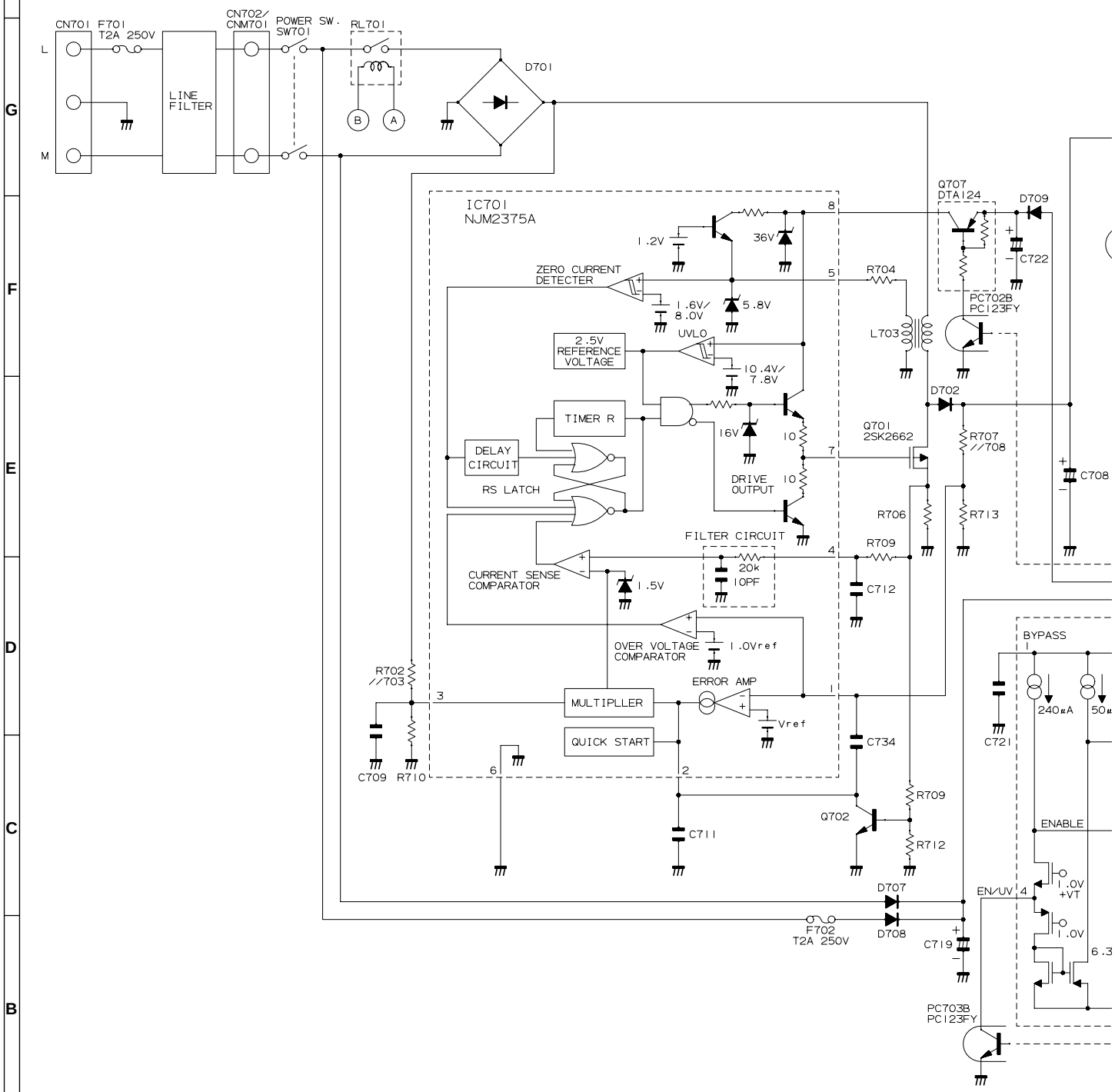
DC/DC CONVERTER BLOCK DIAGRAM

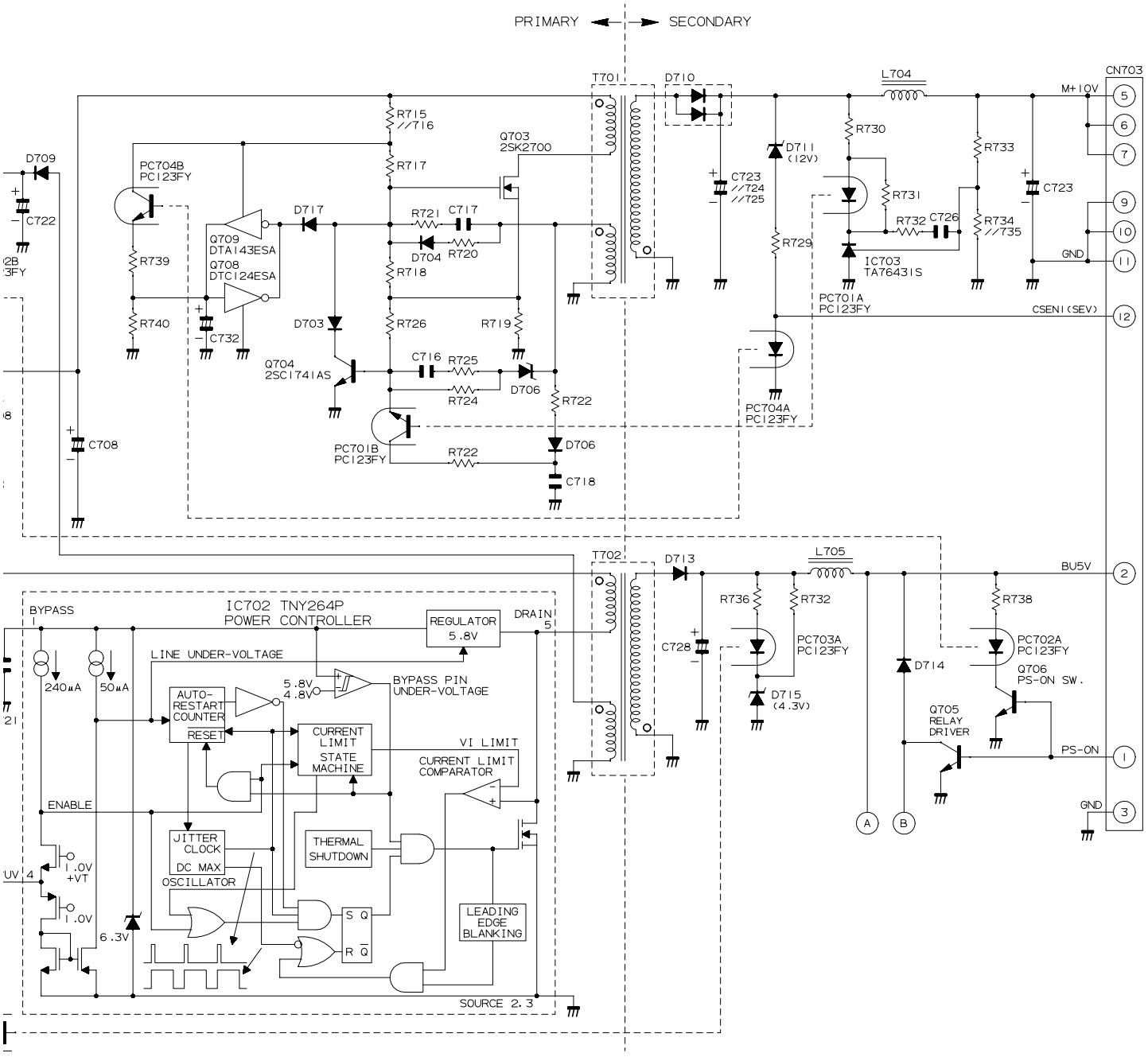




10	11	12	13	14	15	16	17	18	19

POWER BLOCK DIAGRAM

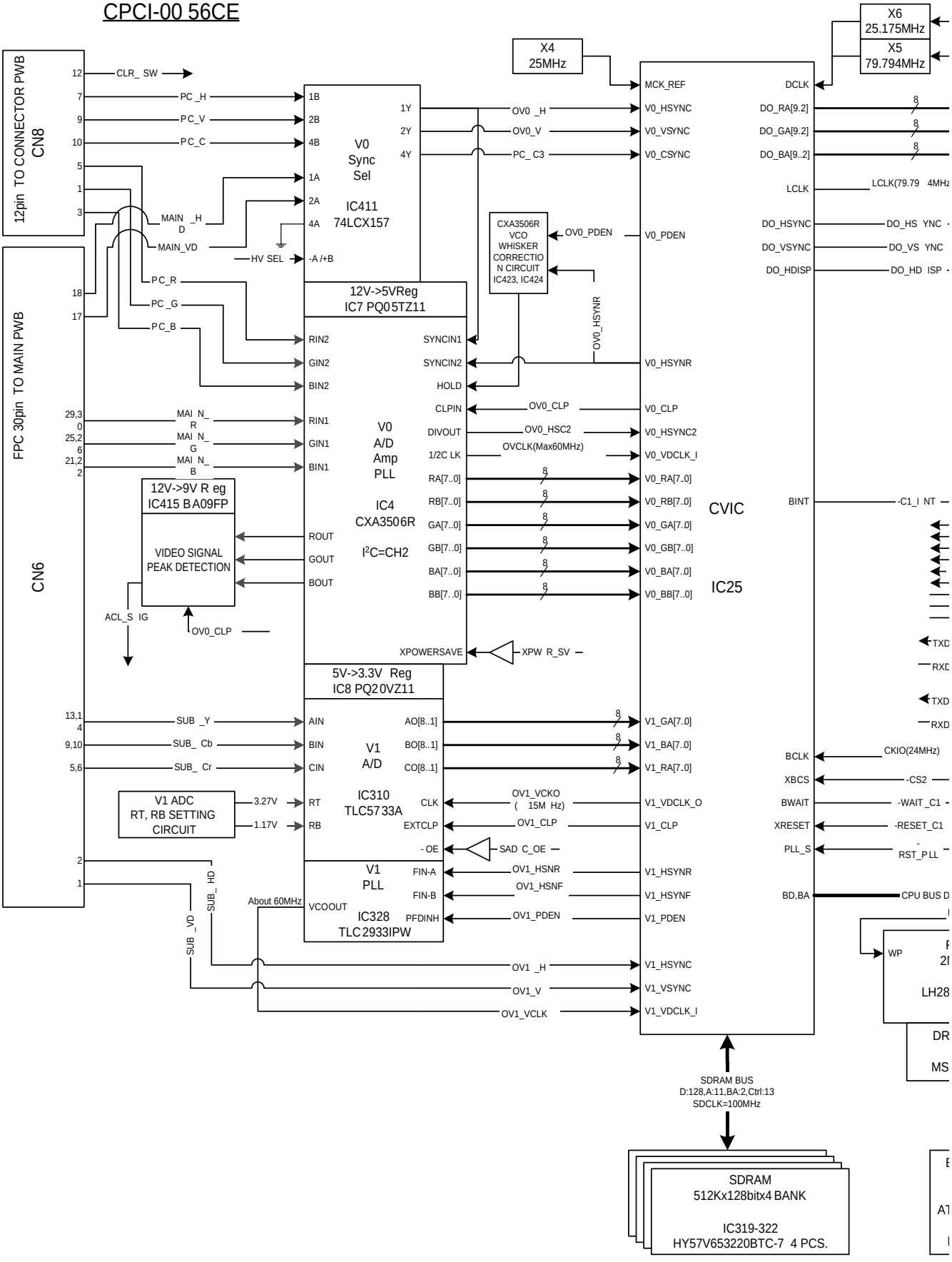


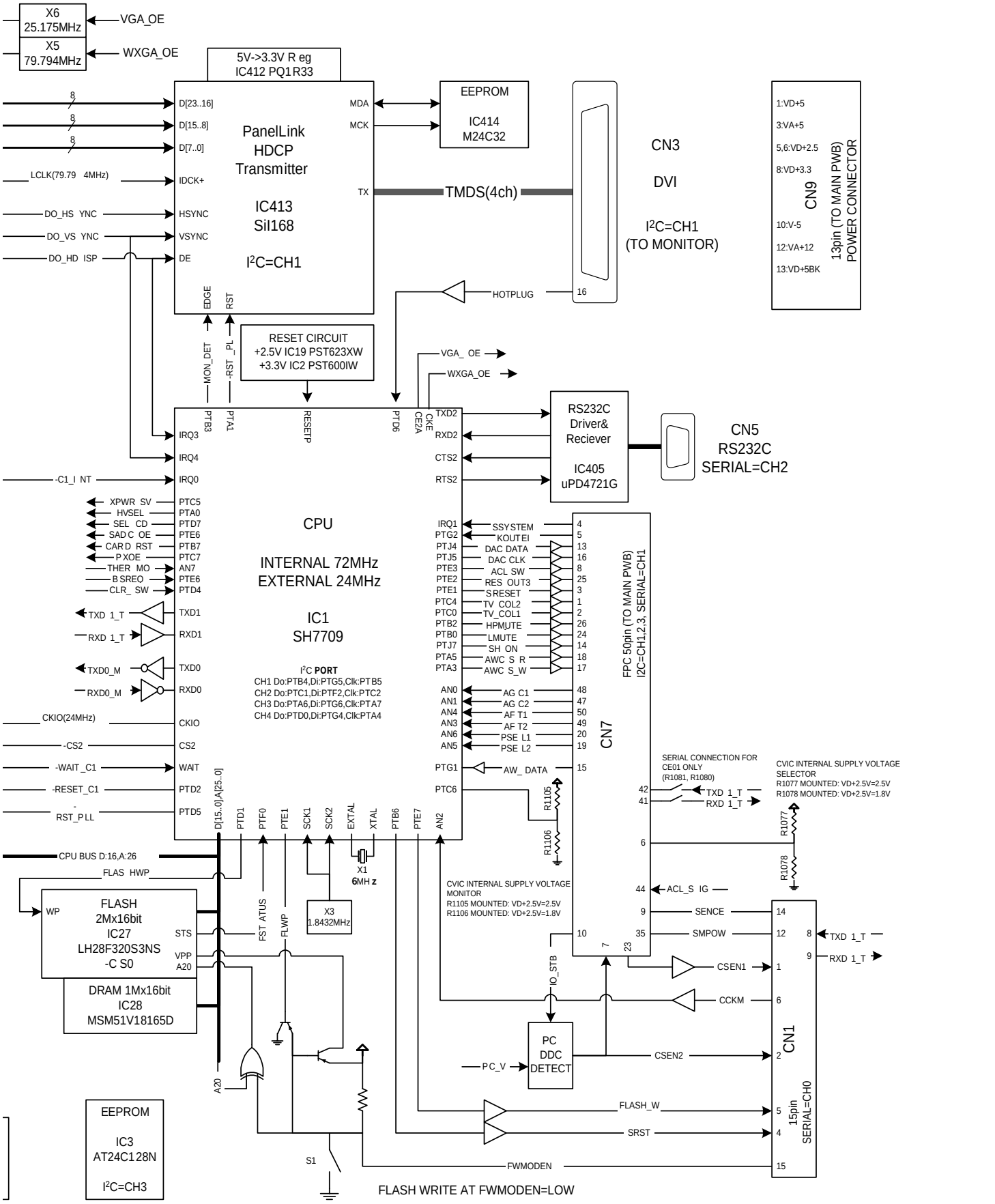


10	11	12	13	14	15	16	17	18	19

PC I/F BLOCK DIAGRAM

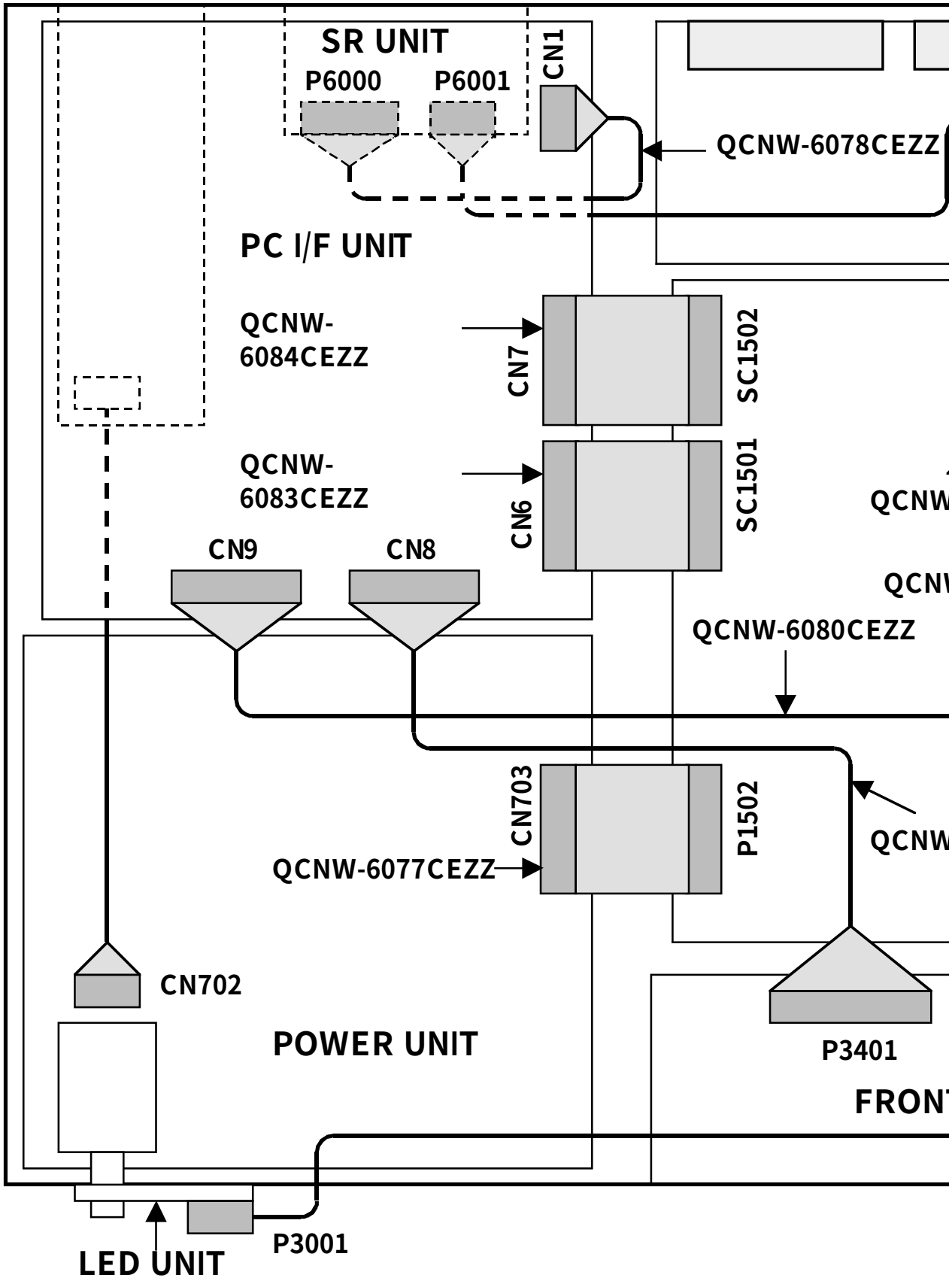
CPCI-00 56CE

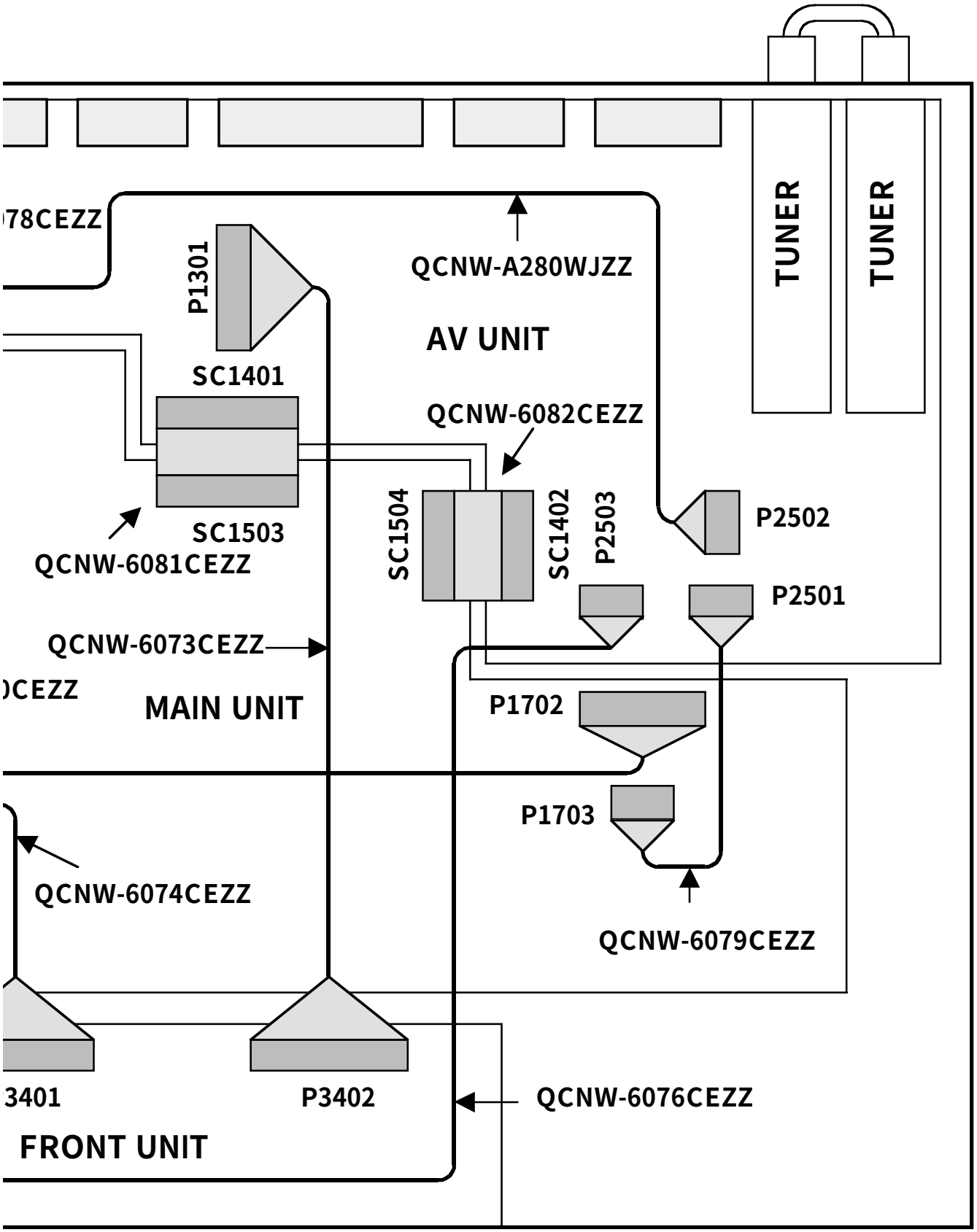




10	11	12	13	14	15	16	17	18	19

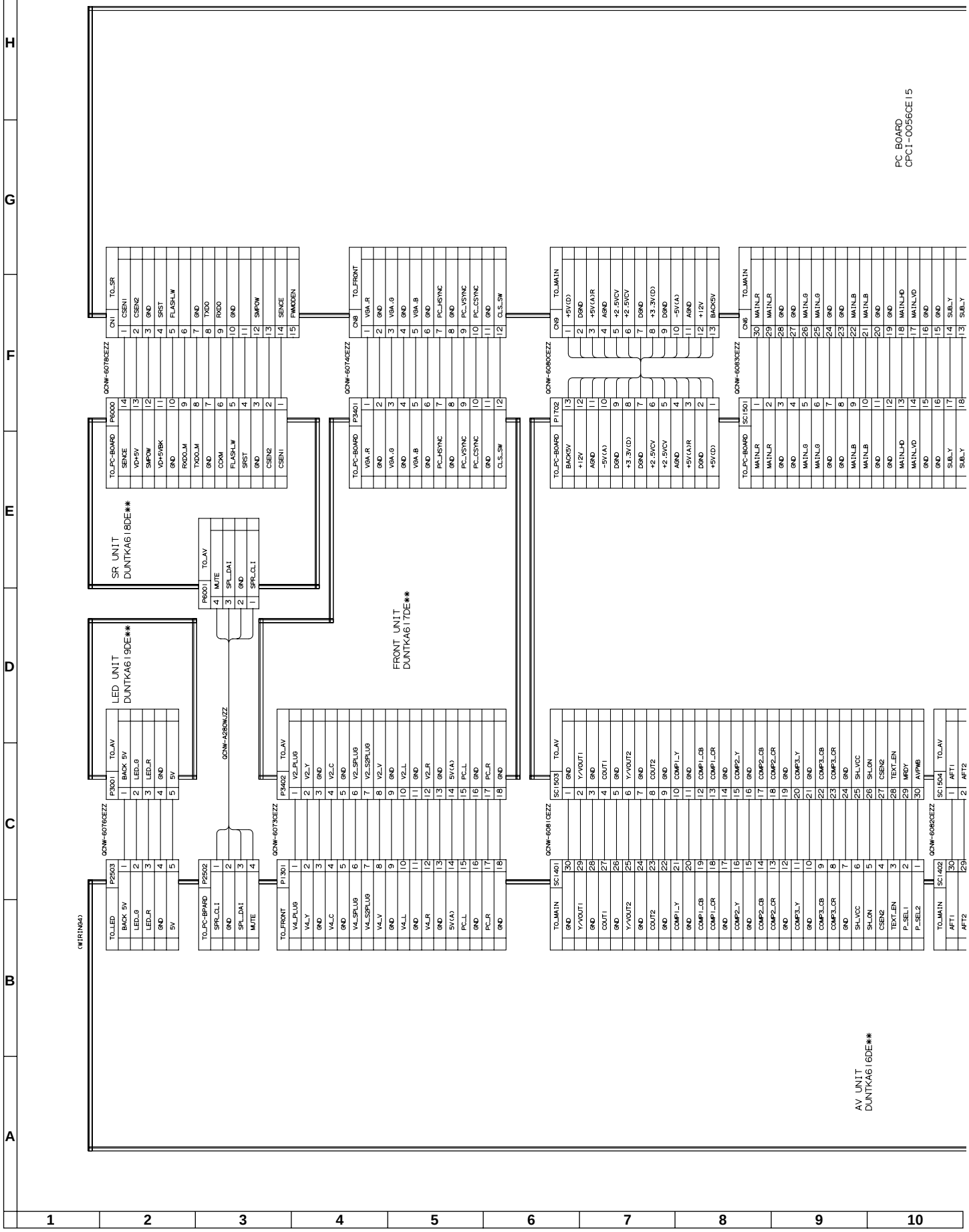
OVERALL WIRING DIAGRAM-1/2

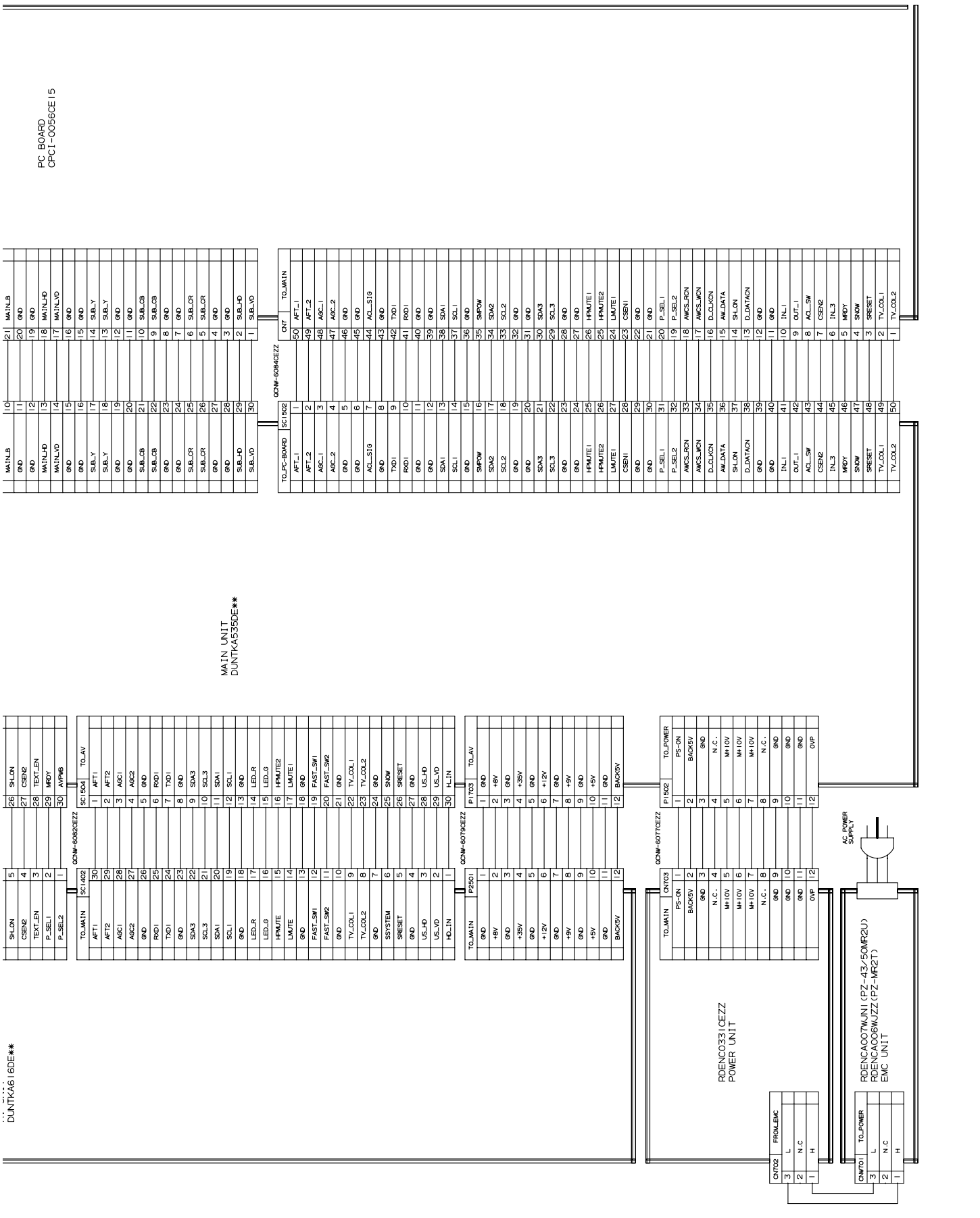




10	11	12	13	14	15	16	17	18	19

OVERALL WIRING DIAGRAM-2/2




PC BOARD
CPC1-0056CE15
MAIN UNIT
DUNTKA535DE**
DUNTKA616DE**
QCNW-6084CEZZ
QCNW-6082CEZZ
QCNW-6079CEZZ
QCNW-6077CEZZ
RDENC0331CEZZ
POWER UNIT
RDENCA007WJN1 (PZ-43/50MR2U)
RDENCA006WJZZ (PZ-MR2T)
EMC UNIT
AC POWER SUPPLY
10
11
12
13
14
15
16
17
18
19

DESCRIPTION OF SCHEMATIC DIAGRAM

VOLTAGE MEASUREMENT CONDITION:

1. When the exclusive-use AC adapter is used, the color bar signal of color bar generator for service is input to get the normal screen. When the audio is minimized, the voltage value is measured with the 20 kΩ/V tester.

WAVEFORM MEASUREMENT CONDITION:

1. When the exclusive-use AC adapter is used, the color density, lightness and color hue are set to the center position, and the signal of color bar generator for service is observed to get waveform.
2. ◯▶ indicates waveform check points (See chart, waveforms are measured from point indicated to chassis ground.)

INDICATION OF RESISTOR & CAPACITOR:

RESISTOR

1. The unit of resistance "Ω" is omitted. (K=kΩ=1000 Ω, M=MΩ).
2. All resistors are ± 5%, unless otherwise noted. (J= ± 5%, F= ± 1%, D= ± 0.5%)
3. All resistors are Carbon type, unless otherwise noted.
   Ⓒ: Solid Ⓦ : Cement
   Ⓢ: Oxide Film Ⓣ : Special
   Ⓝ: Metal Coating

CAPACITOR

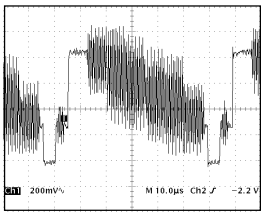
1. All capacitors are mF, unless otherwise noted. (P=pF=mmF).
2. All capacitors are Ceramic type, unless otherwise noted.
   (ML) : Mylar (TA) : Tantalum
   (PF) : Polypro Film (ST) : Styrol

CAUTION:
This circuit diagram is original one, therefore there may be a slight difference from yours.

IMPORTANT SAFETY NOTICE:
PARTS MARKED WITH "⚠" ( ) ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

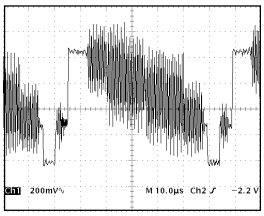
WAVEFORMS

①



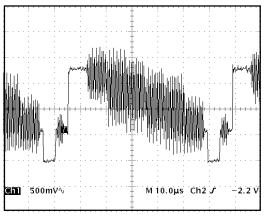
IC1301 63-pin
V: 200mV/div H: 10µsec/div

②



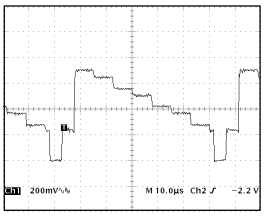
IC1301 60-pin
V: 200mV/div H: 10µsec/div

③



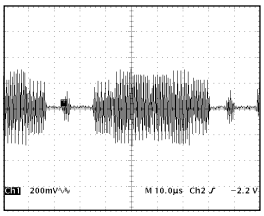
IC1301 56-pin
V: 500mV/div H: 10µsec/div

④



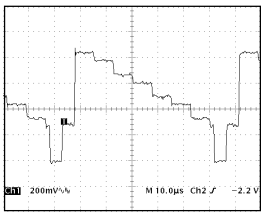
TP7004
V: 200mV/div H: 10µsec/div

⑤



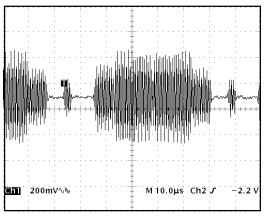
TP7003
V: 200mV/div H: 10µsec/div

⑥



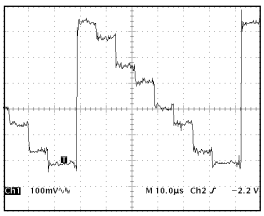
TP812
V: 200mV/div H: 10µsec/div

⑦



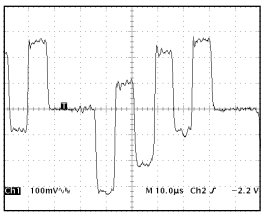
TP603
V: 200mV/div H: 10µsec/div

⑧



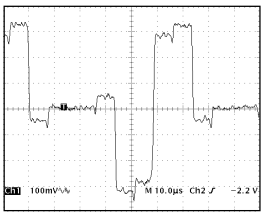
P801 1-pin
V: 100mV/div H: 10µsec/div

⑨



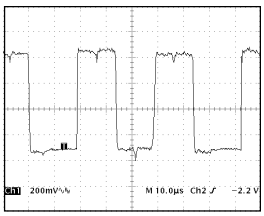
P801 3-pin
V: 100mV/div H: 10µsec/div

⑩



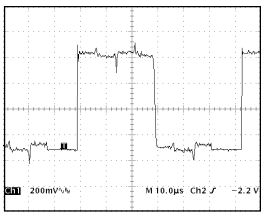
P801 5-pin
V: 100mV/div H: 10µsec/div

⑪



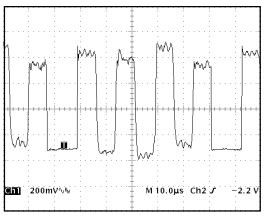
TP809
V: 200mV/div H: 10µsec/div

⑫



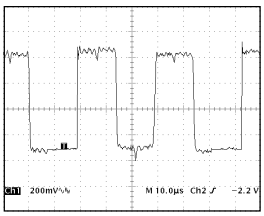
TP808
V: 200mV/div H: 10µsec/div

⑬



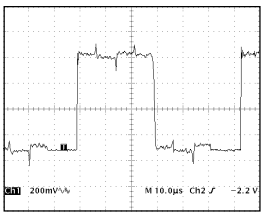
TP807
V: 200mV/div H: 10µsec/div

⑭



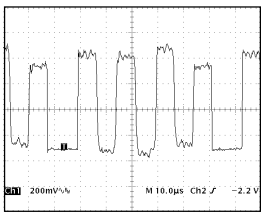
IC810 13-pin
V: 200mV/div H: 10µsec/div

⑮



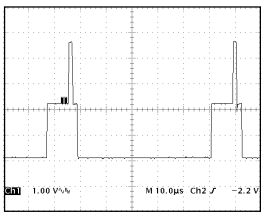
IC810 11-pin
V: 200mV/div H: 10µsec/div

⑯



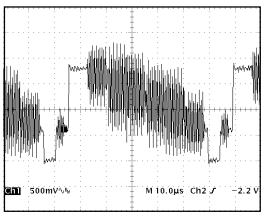
IC810 10-pin
V: 200mV/div H: 10µsec/div

⑰



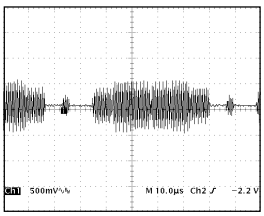
IC803 31-pin
V: 1V/div H: 10µsec/div

⑱



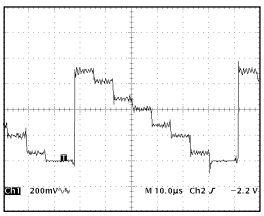
IC1301 44-pin
V: 500mV/div H: 10µsec/div

⑲



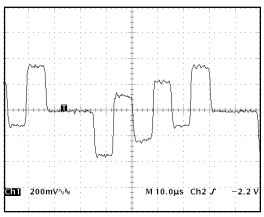
TP410
V: 500mV/div H: 10µsec/div

⑳



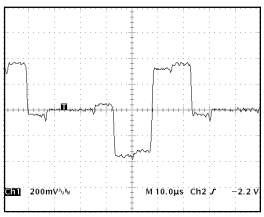
IC802 21-pin
V: 200mV/div H: 10µsec/div

㉑



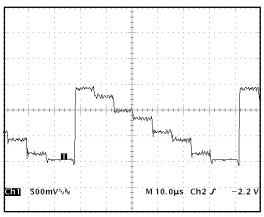
IC802 22-pin
V: 200mV/div H: 10µsec/div

㉒



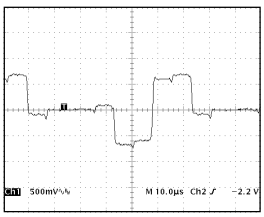
IC802 23-pin
V: 200mV/div H: 10µsec/div

㉓



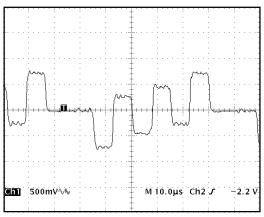
IC804 13-pin
V: 500mV/div H: 10µsec/div

㉔



IC804 11-pin
V: 500mV/div H: 10µsec/div

㉕

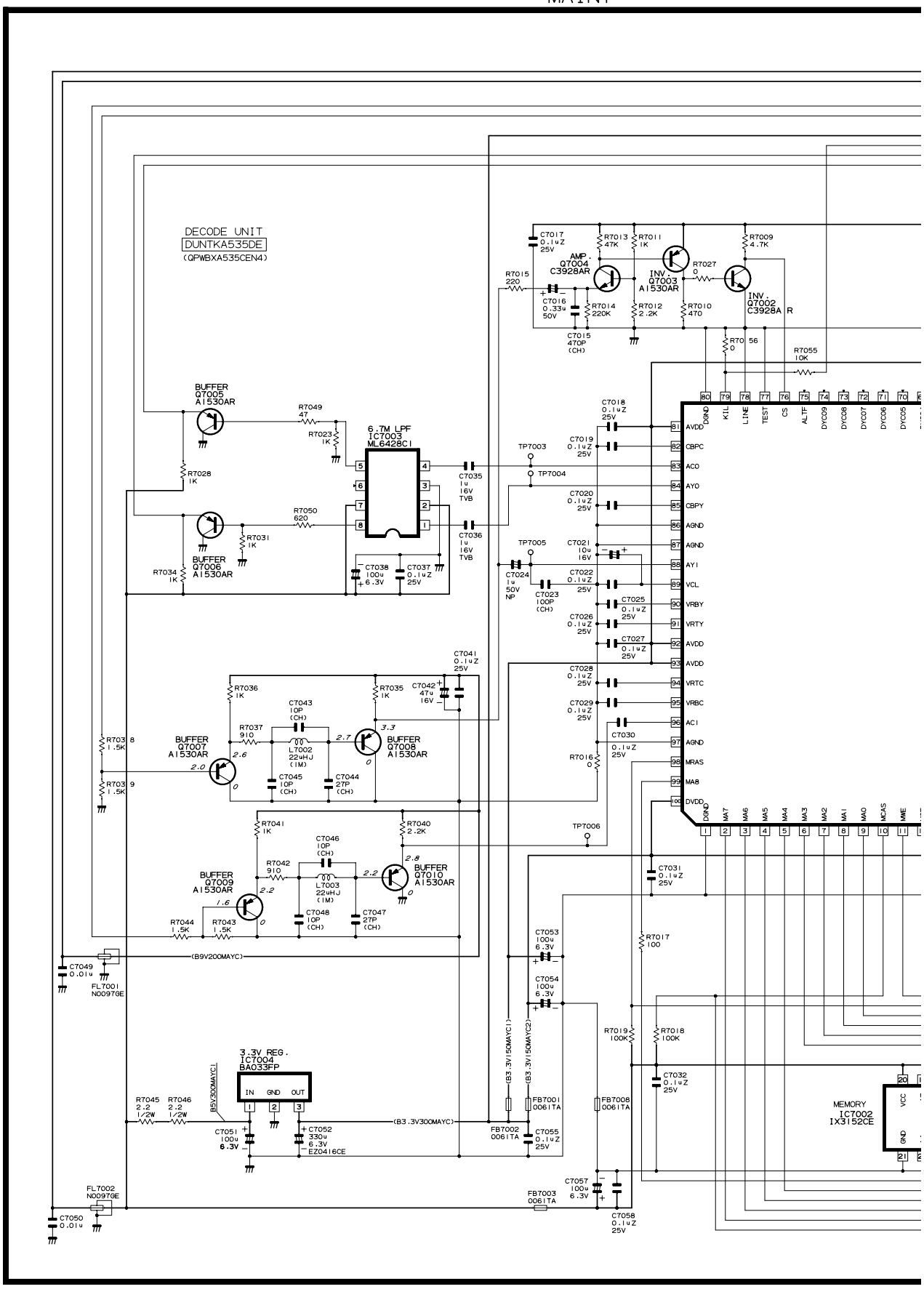


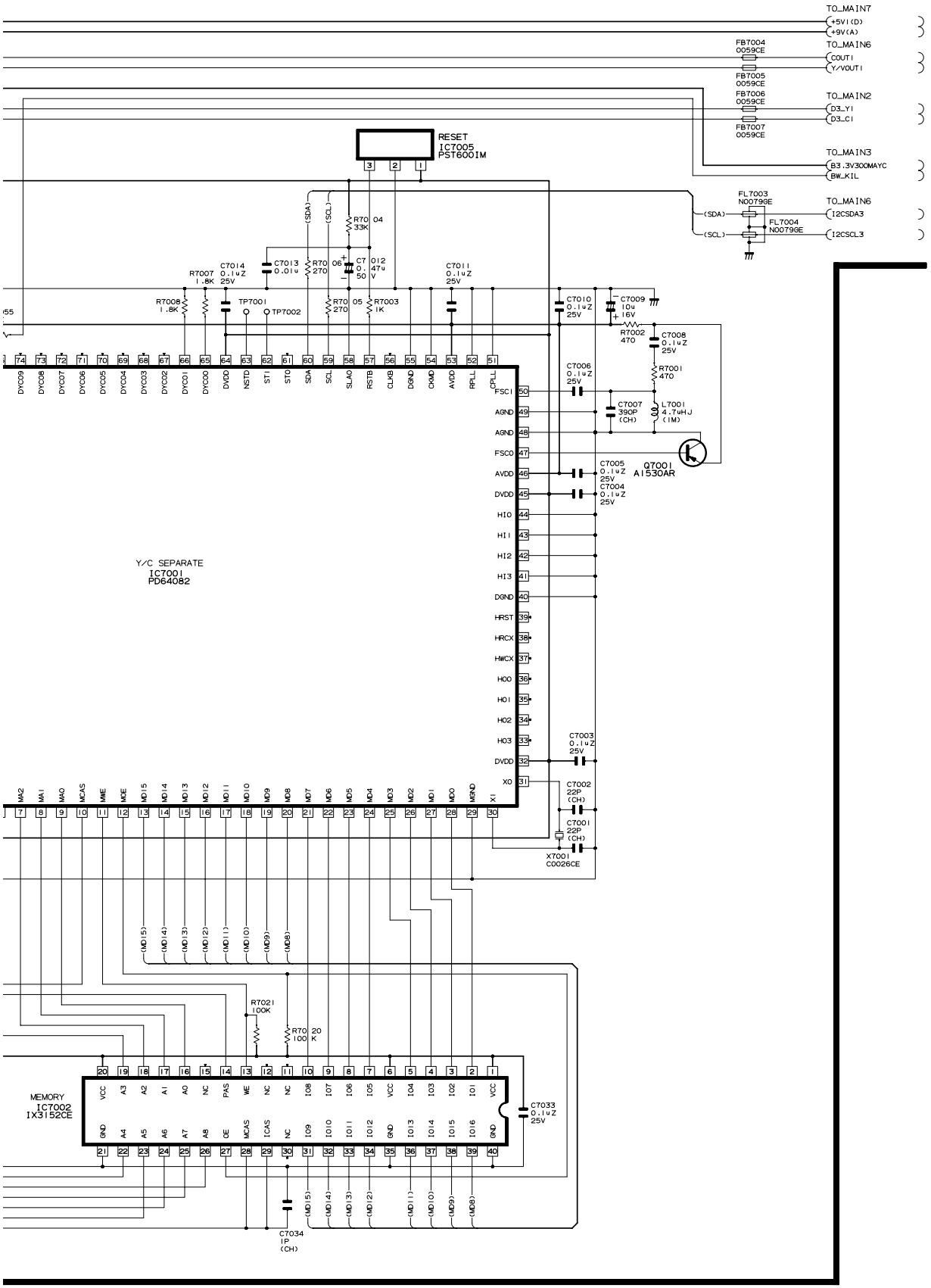
IC804 10-pin
V: 500mV/div H: 10µsec/div

■ MAIN UNIT-1/7

PZ50MR2U

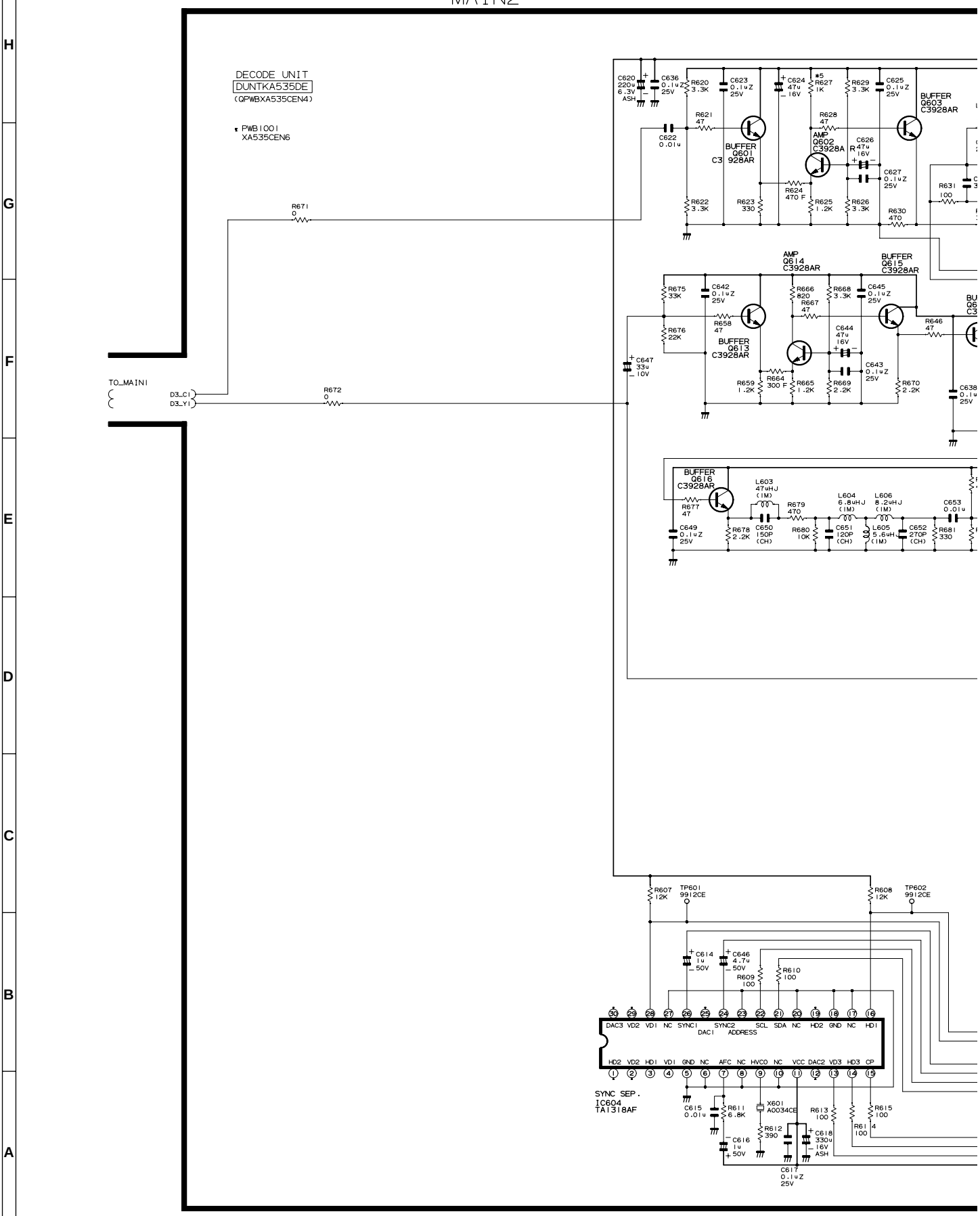
MAIN1

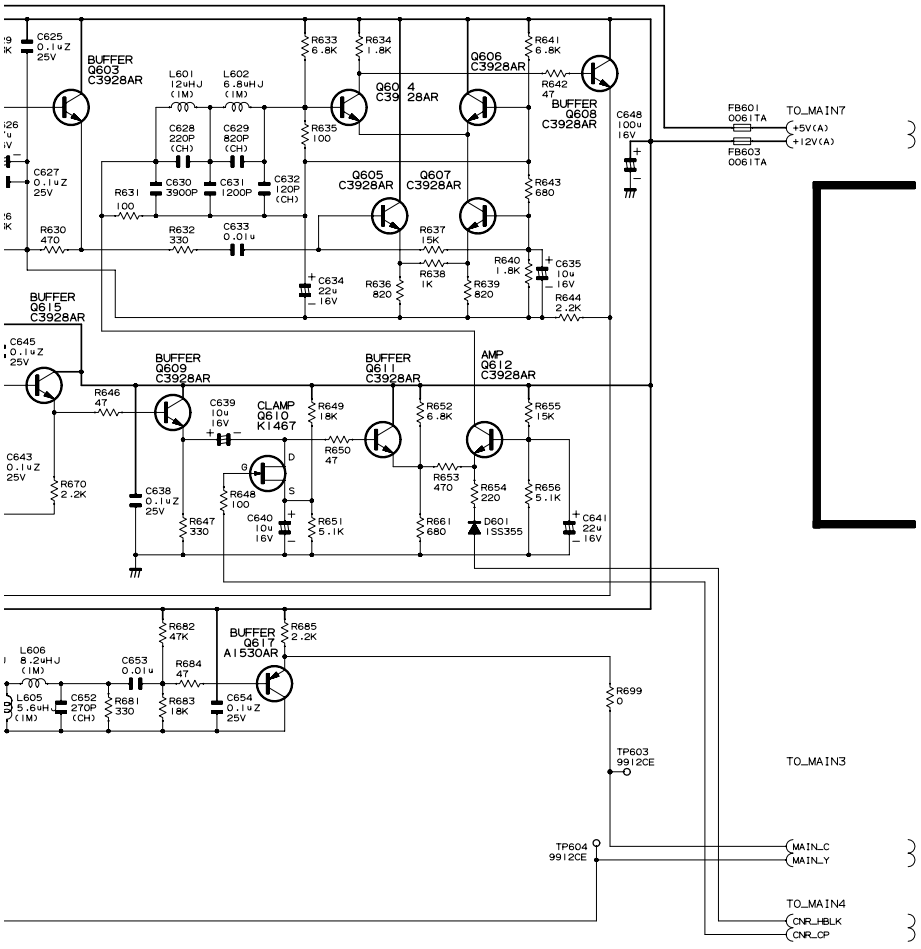


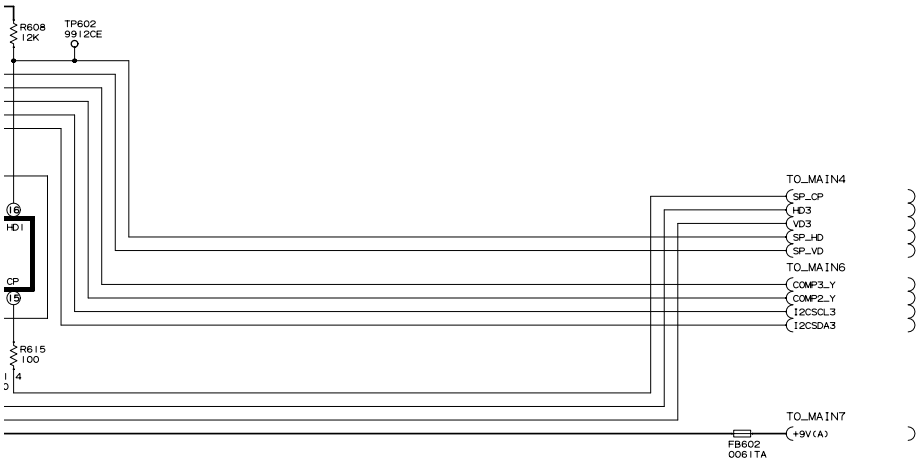


10	11	12	13	14	15	16	17	18	19

■ MAIN UNIT-2/7

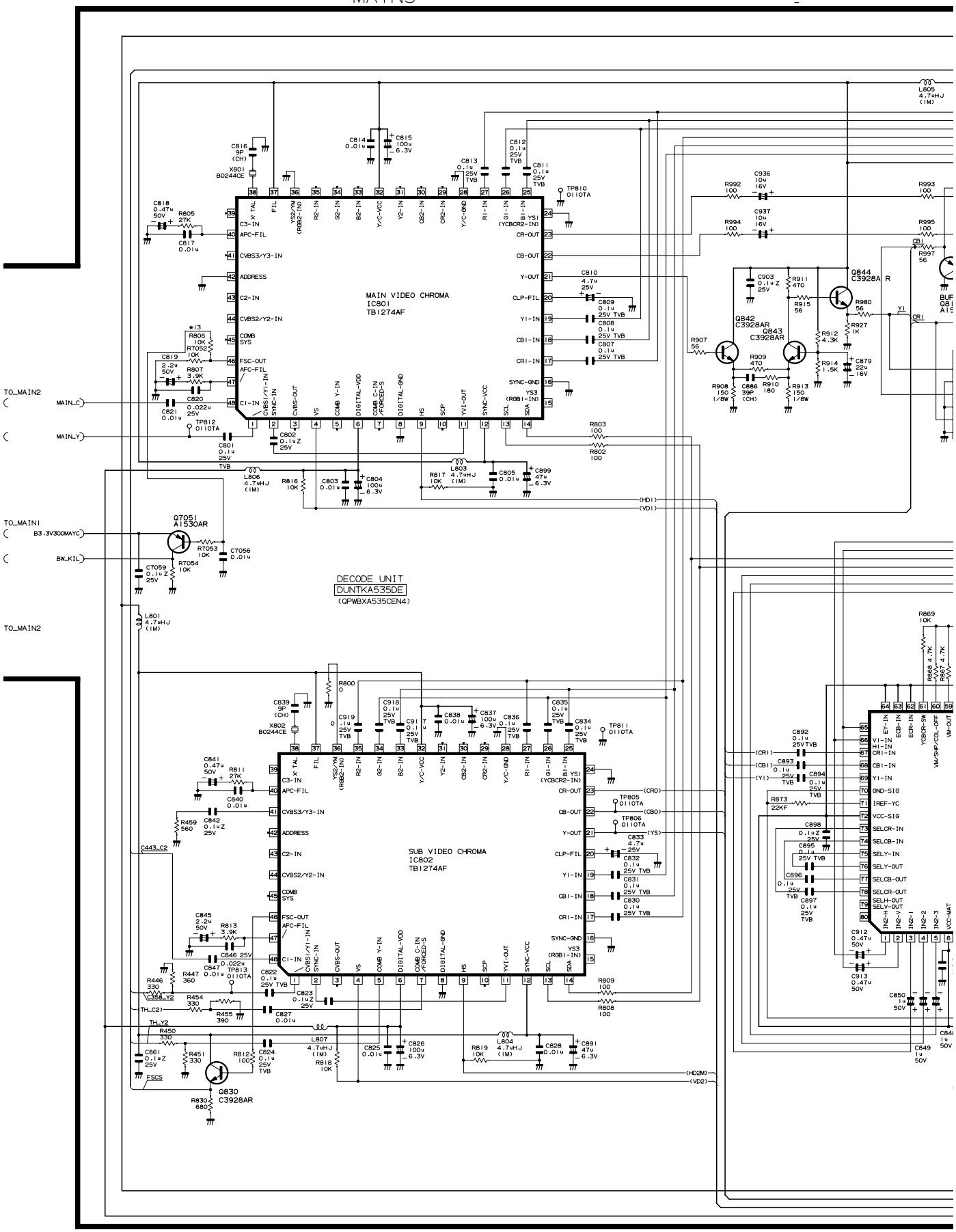

MAIN2
DECODE UNIT
DUNTKA535DE
(QPWBXA535CEN4)
PWB1001
XA535CEN6
TO_MAIN1
D3_C1
D3_Y1
R671
0
R672
0
BUFFER Q601 C3928AR
AMP Q602 C3928A
BUFFER Q603 C3928AR
AMP Q614 C3928AR
BUFFER Q615 C3928AR
BUFFER Q613 C3928AR
BUFFER Q616 C3928AR
TP601 9912CE
TP602 9912CE
SYNC SEP. IC604 TA1318AF
X601 A0034CE

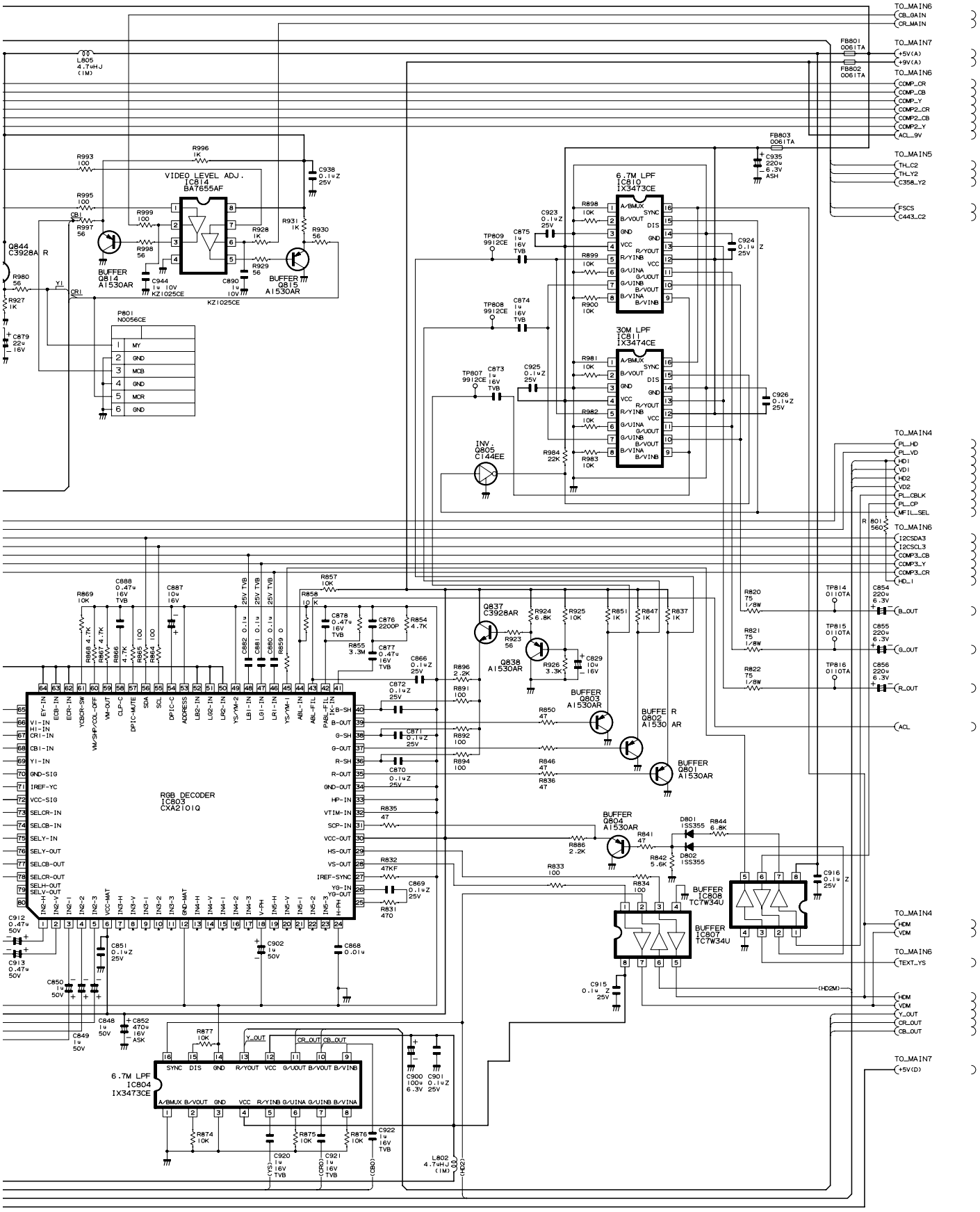




10	11	12	13	14	15	16	17	18	19

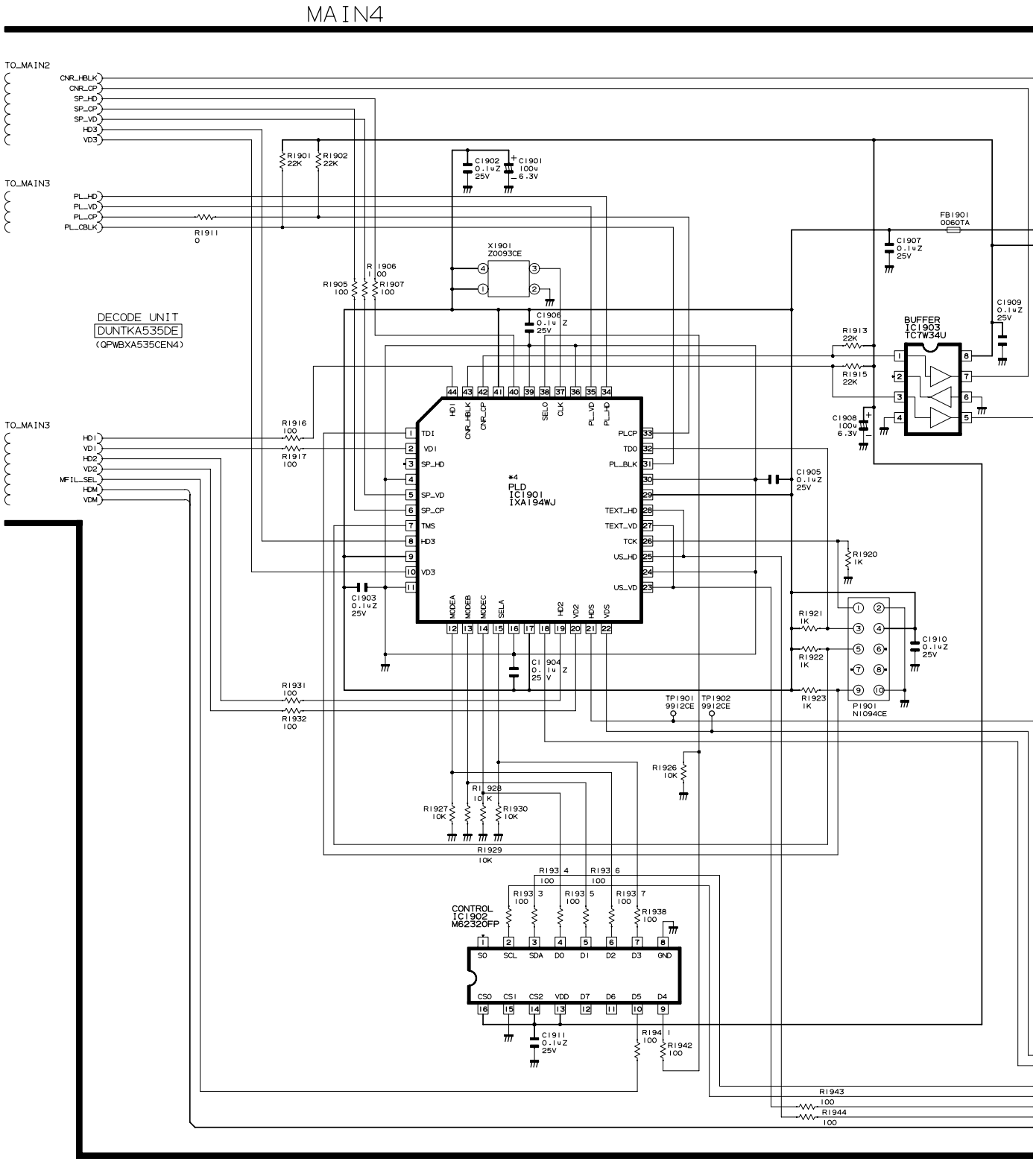
■ MAIN UNIT-3/7

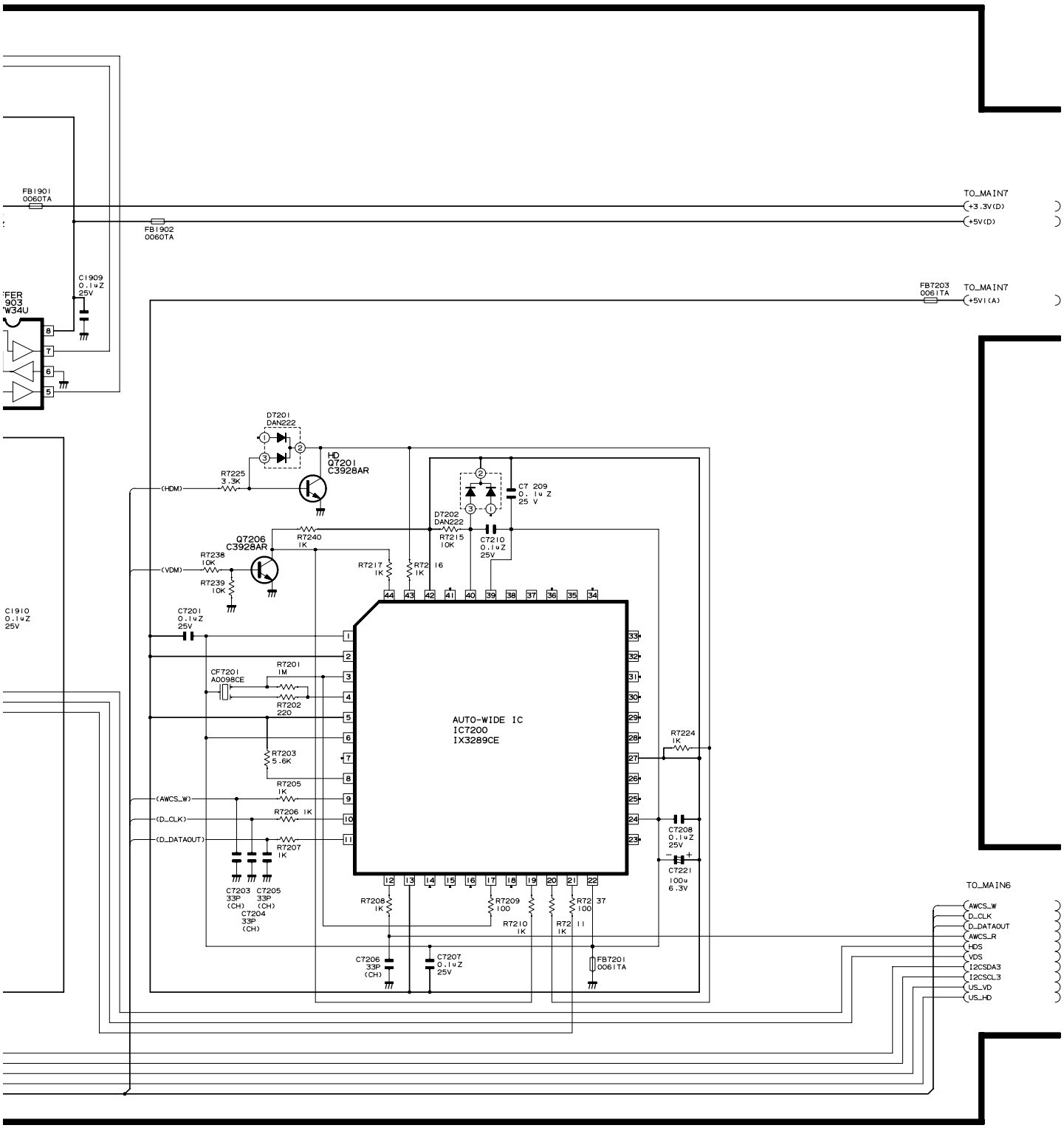

MAIN3
MAIN VIDEO CHROMA
IC801
TB1274AF
SUB VIDEO CHROMA
IC802
TB1274AF
DECODE UNIT
DUNTKA535DE
(QPWBXA535CEN4)
Q844
C3928A R
Q842
C3928AR
Q843
C3928AR
Q7051
A1530AR
Q830
C3928AR
TO_MAIN2
TO_MAIN
MAIN_C
MAIN_Y
B3.3V300MAYC
BW_KIL
(HDI)
(VDI)
(HD2M)
(VD2)
(CRI)
(CBI)
(YI)
(CRO)
(CBO)
(YS)



10	11	12	13	14	15	16	17	18	19

■ MAIN UNIT-4/7

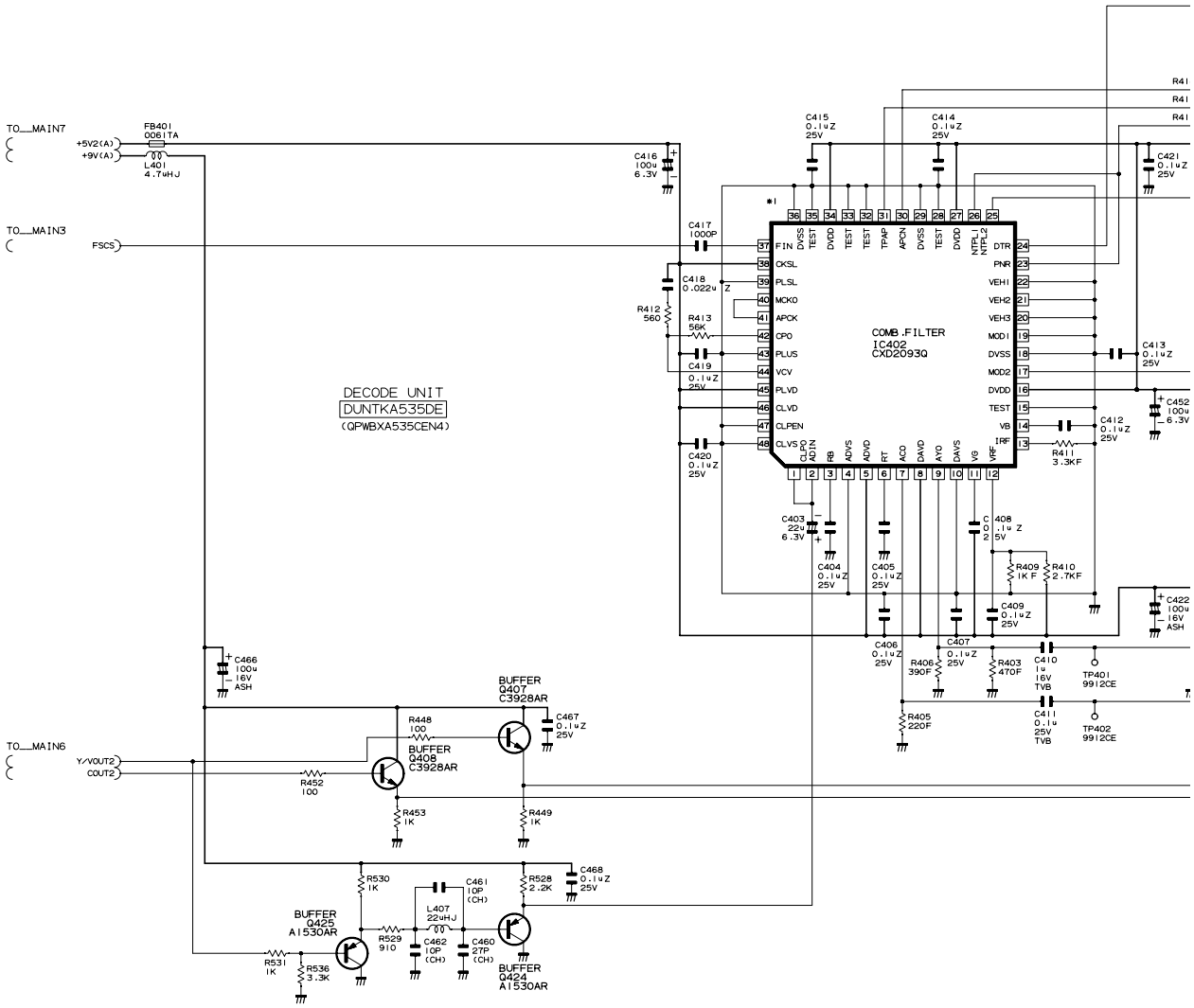

MAIN4
TO_MAIN2
CNR_HBLK
CNR_CP
SP_HD
SP_CP
SP_VD
HD3
VD3
TO_MAIN3
PL_HD
PL_VD
PL_CP
PL_CBLK
R1911 0
R1901 22K
R1902 22K
C1902 0.1uZ 25V
C1901 100u 6.3V
X1901 Z0093CE
R1905 100
R1906 100
R1907 100
C1906 0.1uZ 25V
DECODE UNIT
DUNTKA535DE
(QPWBXA535CEN4)
TO_MAIN3
HD1
VD1
HD2
VD2
MFIL_SEL
HDM
VDM
R1916 100
R1917 100
*4
PLD
IC1901
IXA194WJ
TDI
VDI
SP_HD
SP_VD
SP_CP
TMS
HD3
VD3
PLCP
TDO
PL_BLK
TEXT_HD
TEXT_VD
TCK
US_HD
US_VD
C1903 0.1uZ 25V
C1904 0.1uZ 25V
C1905 0.1uZ 25V
FB1901 0060TA
C1907 0.1uZ 25V
C1909 0.1uZ 25V
BUFFER
IC1903
TC7W34U
R1913 22K
R1915 22K
C1908 100u 6.3V
R1920 1K
R1921 1K
R1922 1K
R1923 1K
C1910 0.1uZ 25V
P1901 N1094CE
TP1901 9912CE
TP1902 9912CE
R1931 100
R1932 100
R1926 10K
R1927 10K
R1928 10K
R1930 10K
R1929 10K
R1934 100
R1936 100
R1933 100
R1935 100
R1937 100
R1938 100
CONTROL
IC1902
M62320FP
SO
SCL
SDA
DO
DI
D2
D3
GND
CS0
CS1
CS2
VDD
D7
D6
D5
D4
C1911 0.1uZ 25V
R1941 100
R1942 100
R1943 100
R1944 100

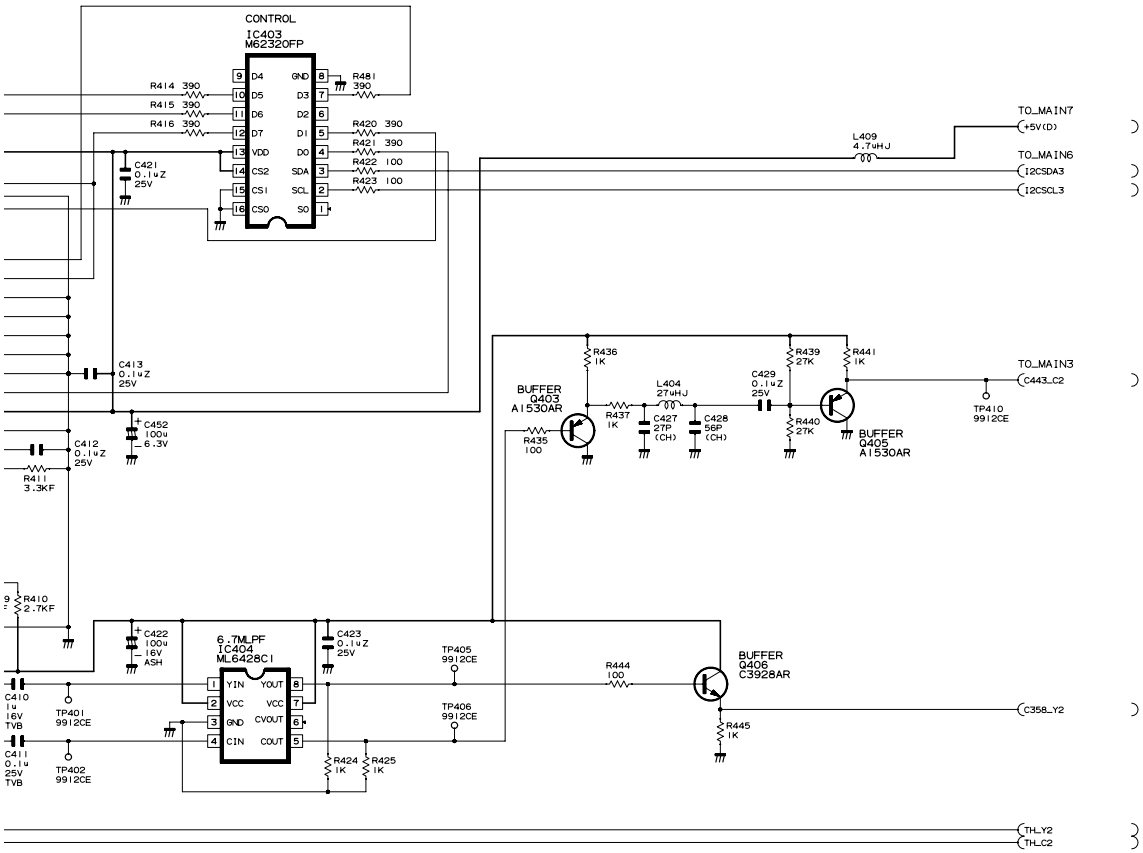


10	11	12	13	14	15	16	17	18	19

■ MAIN UNIT-5/7

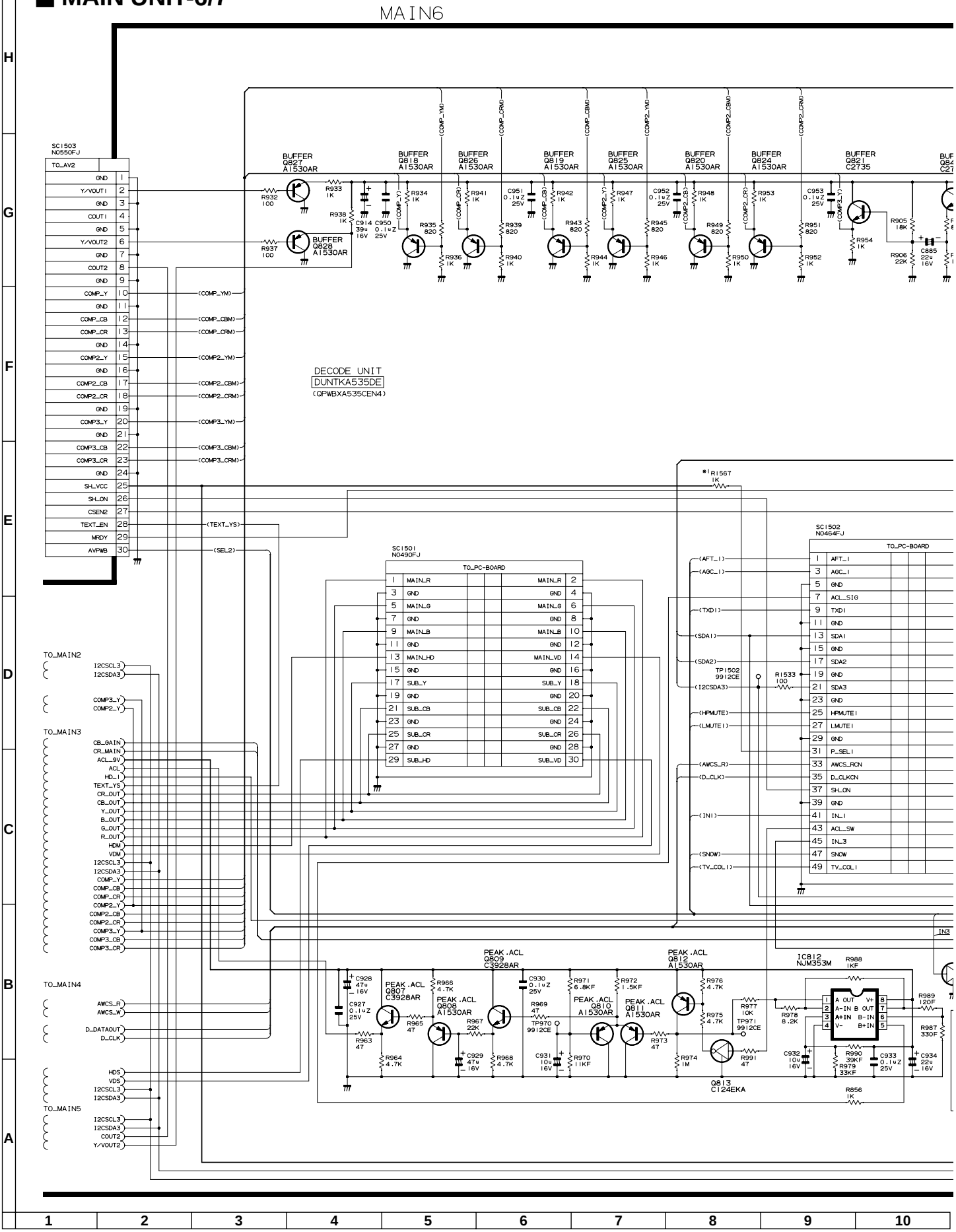
MAIN5

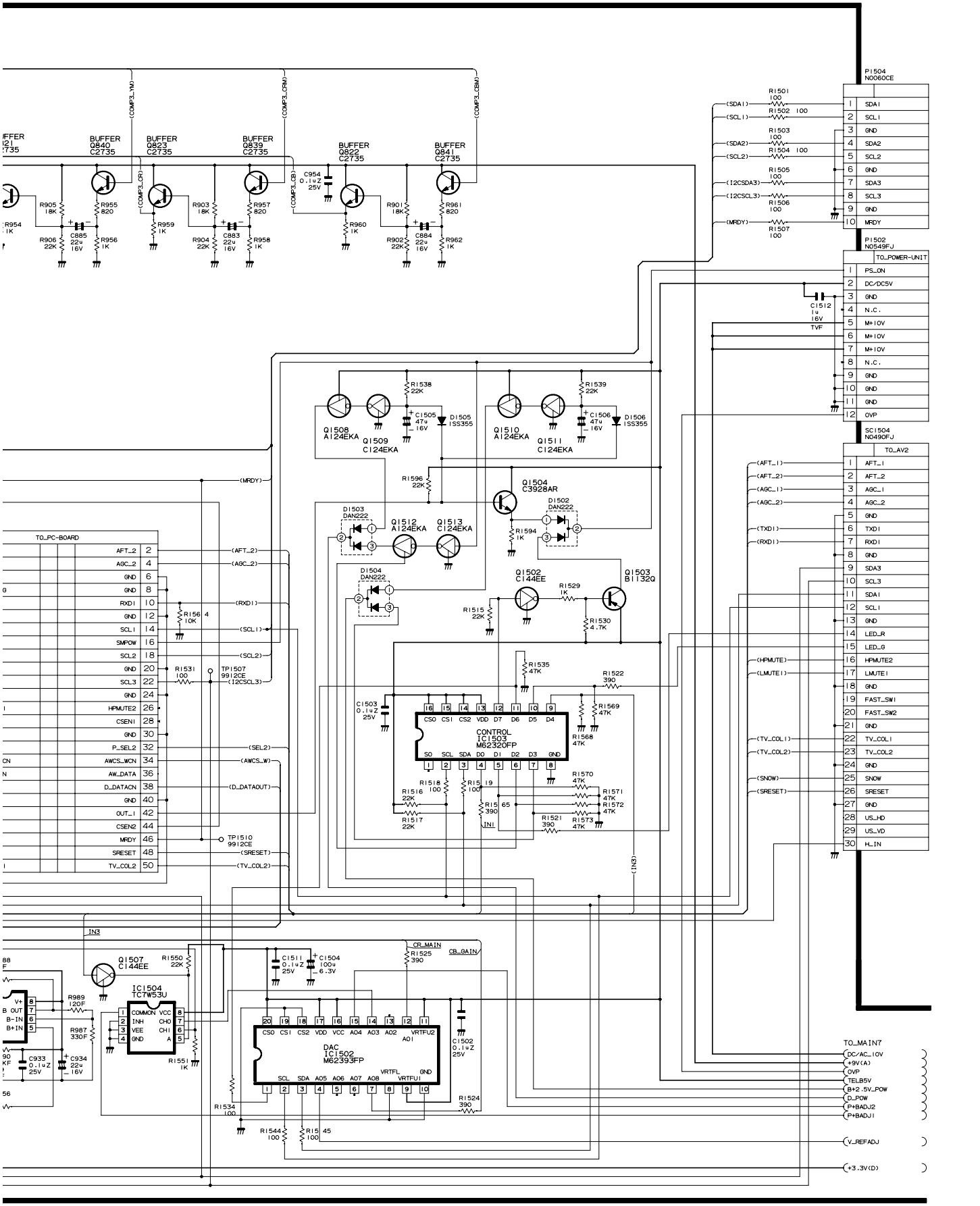




10	11	12	13	14	15	16	17	18	19

■ MAIN UNIT-6/7

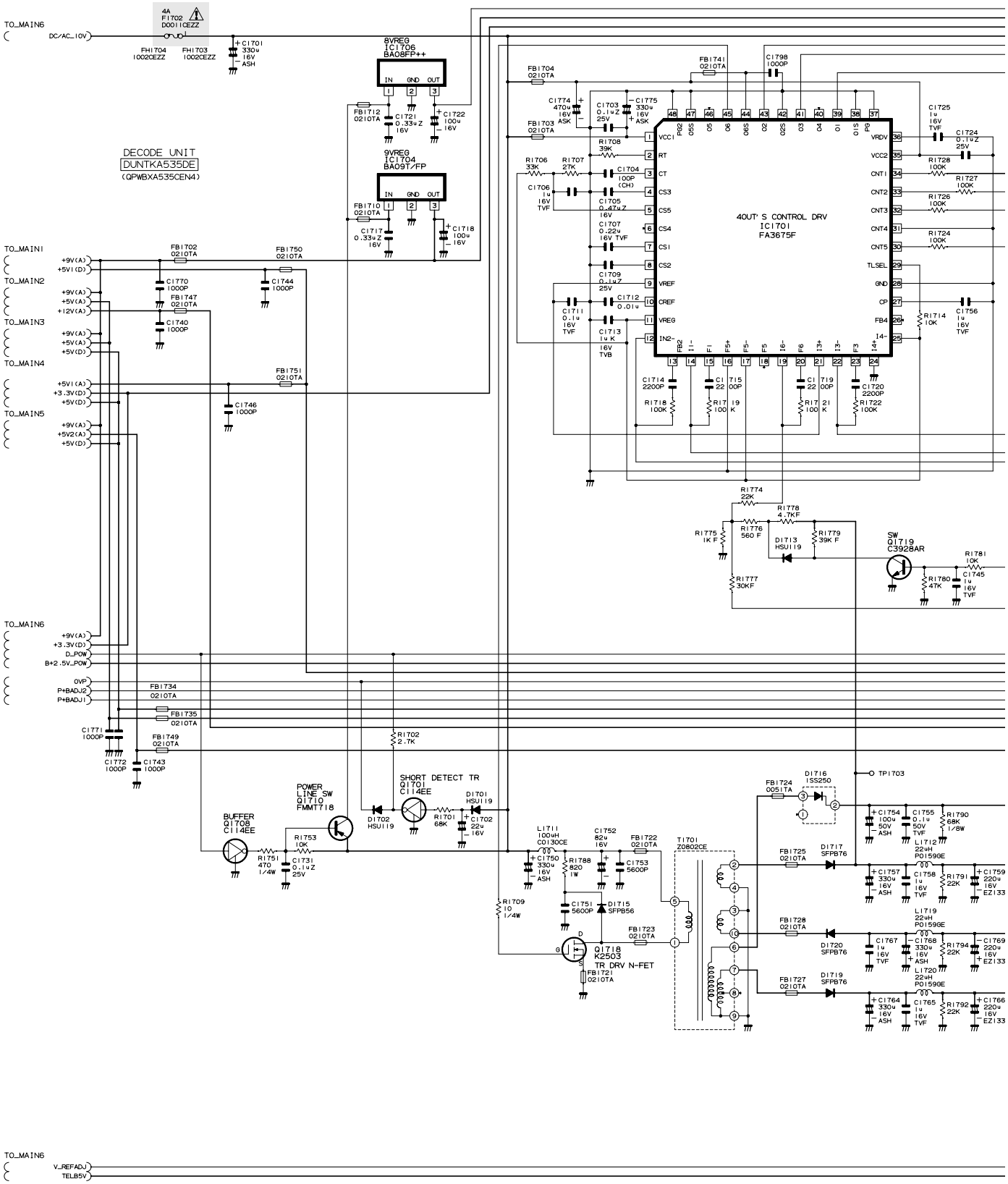

MAIN6
SC1503
N0550FJ
TO_AV2
DECODE UNIT
DUNTKA535DE
(QPWBXA535CEN4)
SC1501
N0490FJ
TO_PC-BOARD
SC1502
N0464FJ
TO_PC-BOARD
TO_MAIN2
TO_MAIN3
TO_MAIN4
TO_MAIN5
IC812
NJM353M
Q813
C124EKA

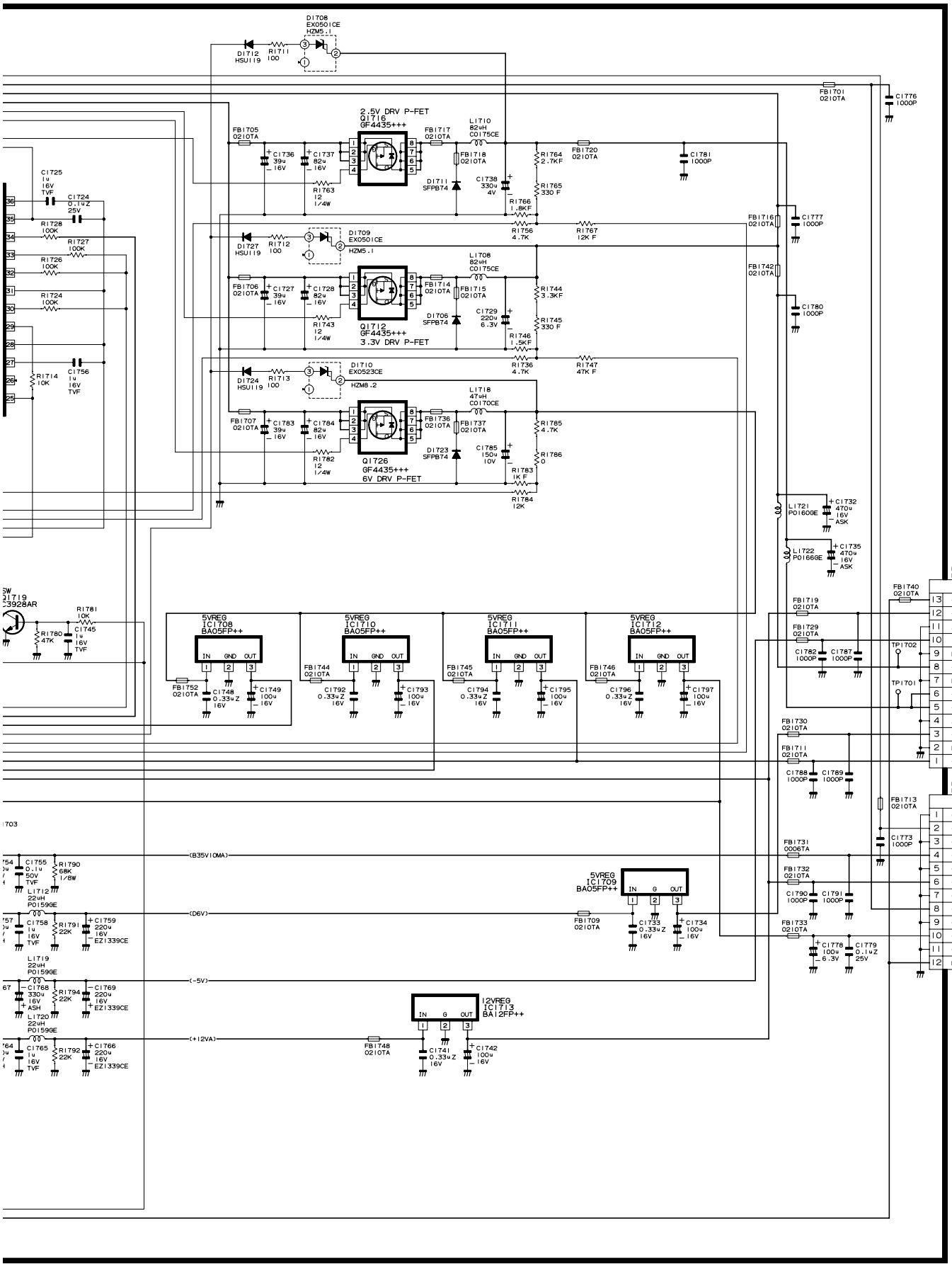


10	11	12	13	14	15	16	17	18	19

■ MAIN UNIT-7/7

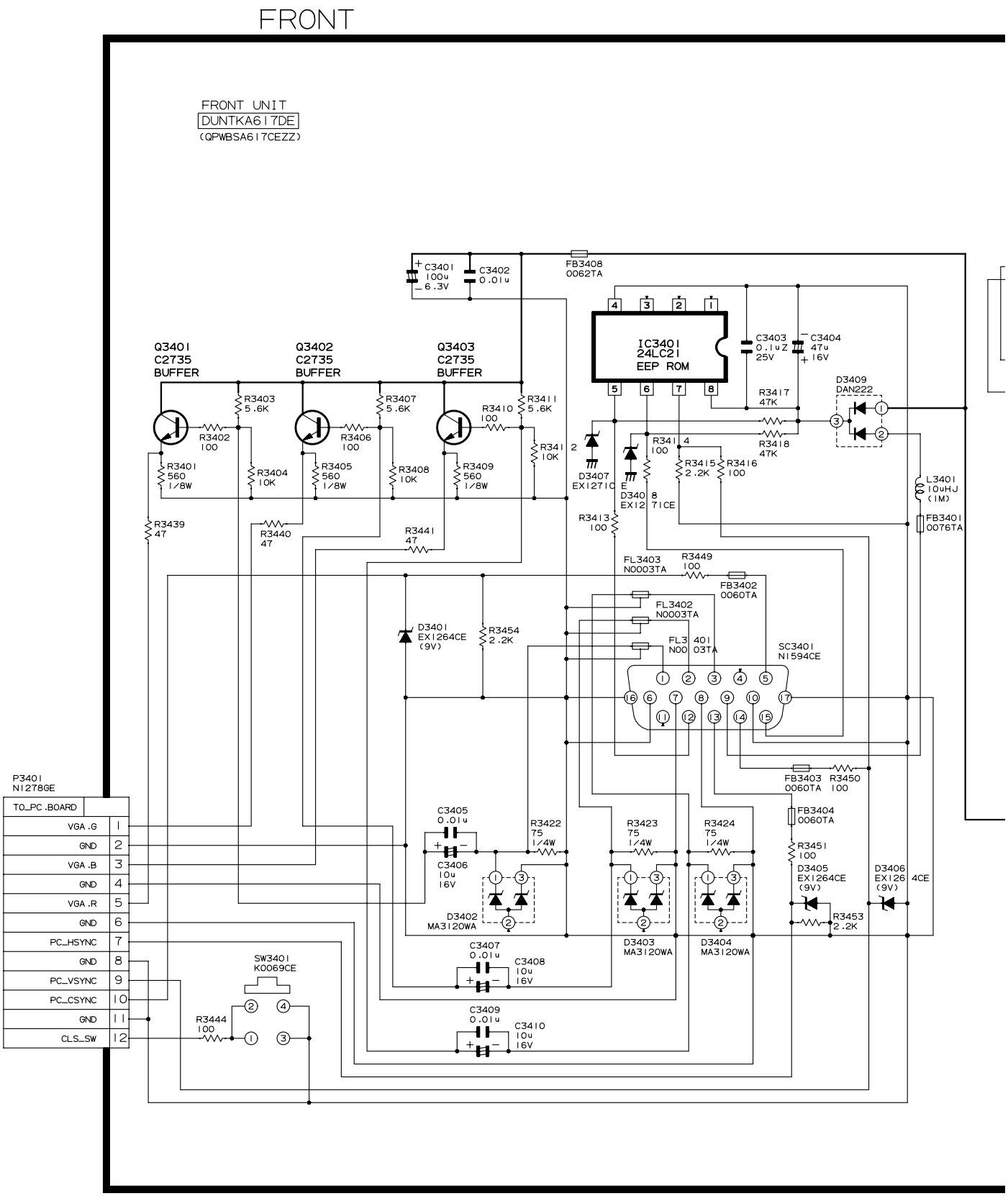
MAIN7

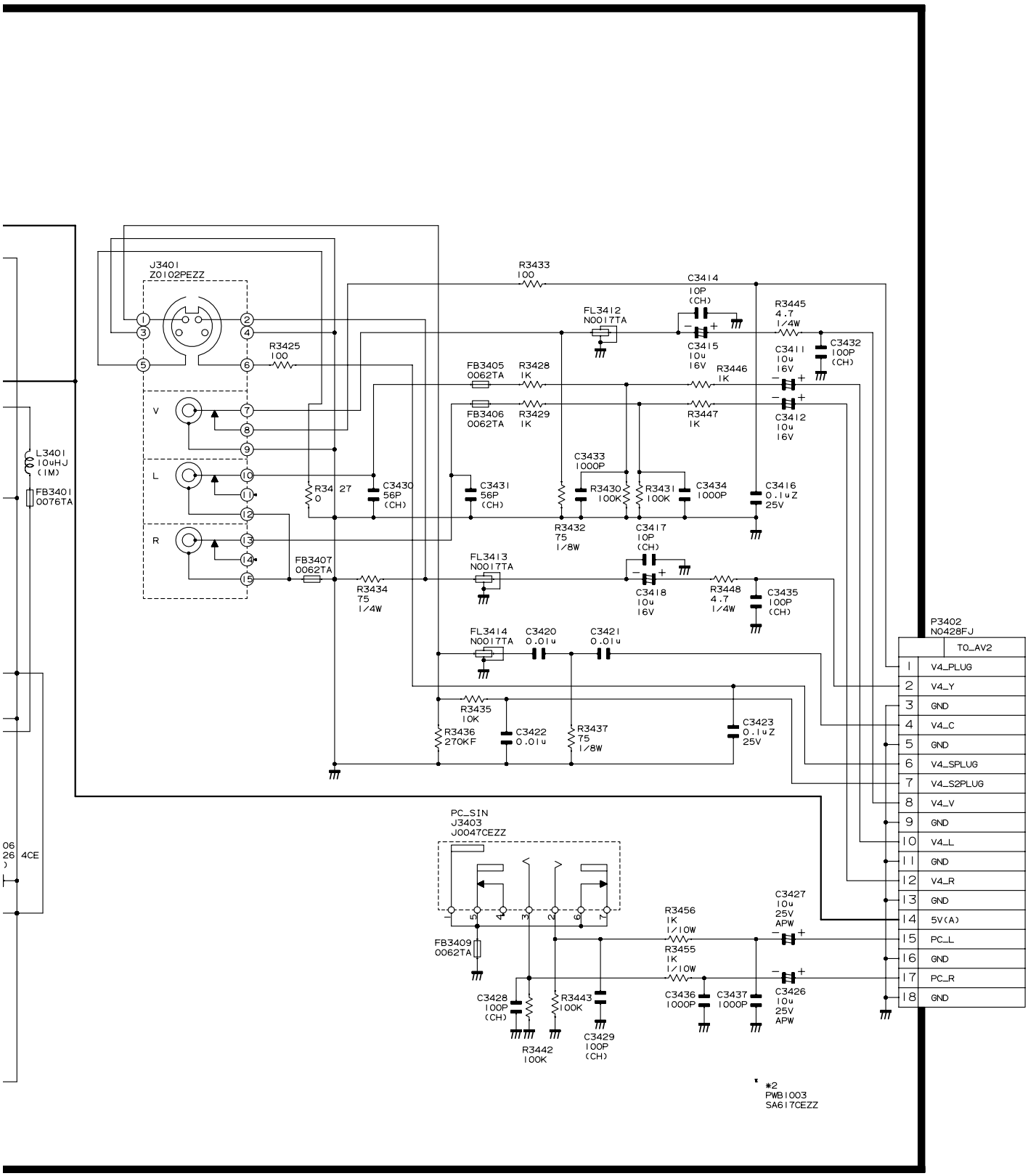




10	11	12	13	14	15	16	17	18	19

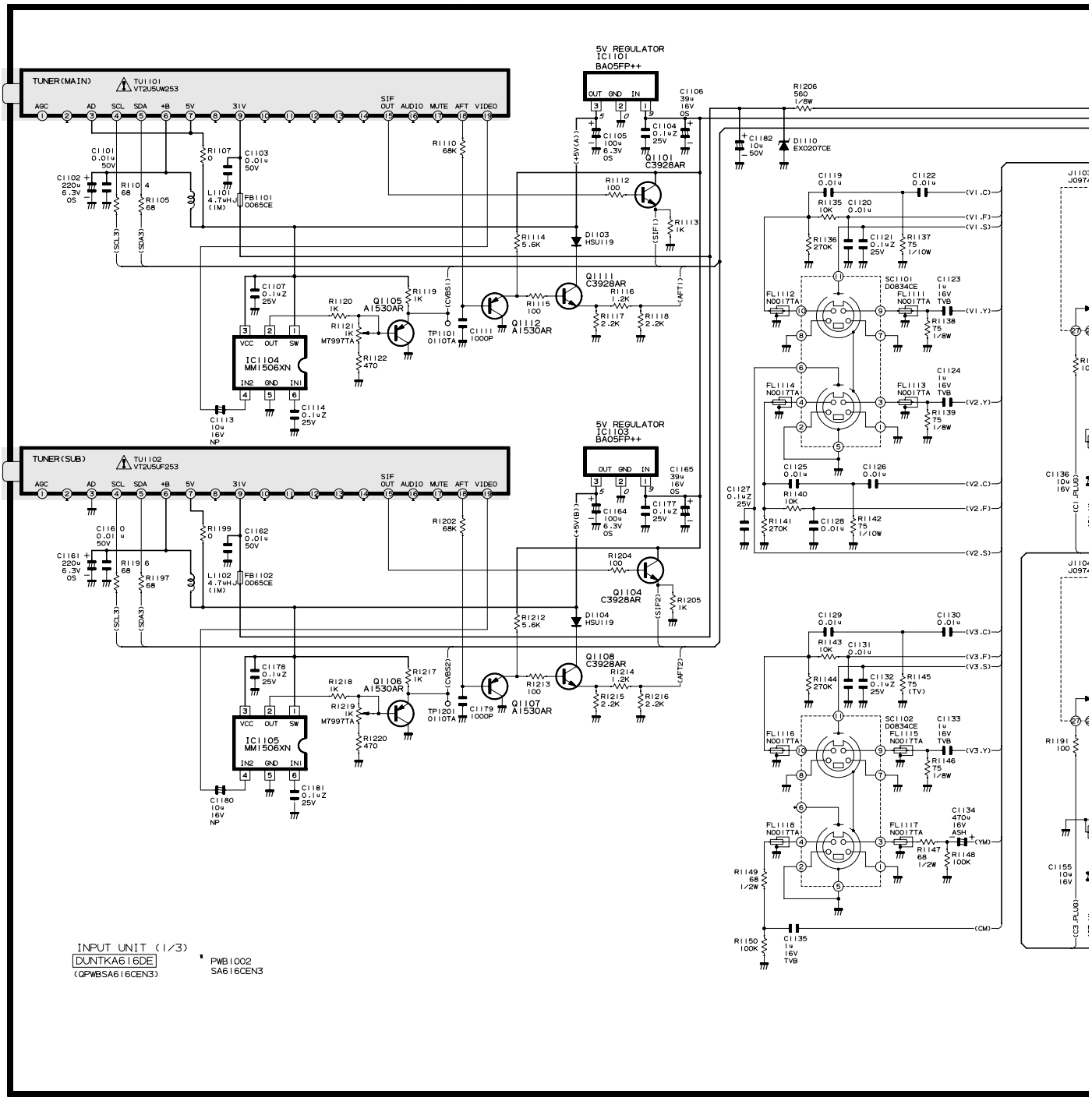
■ FRONT UNIT

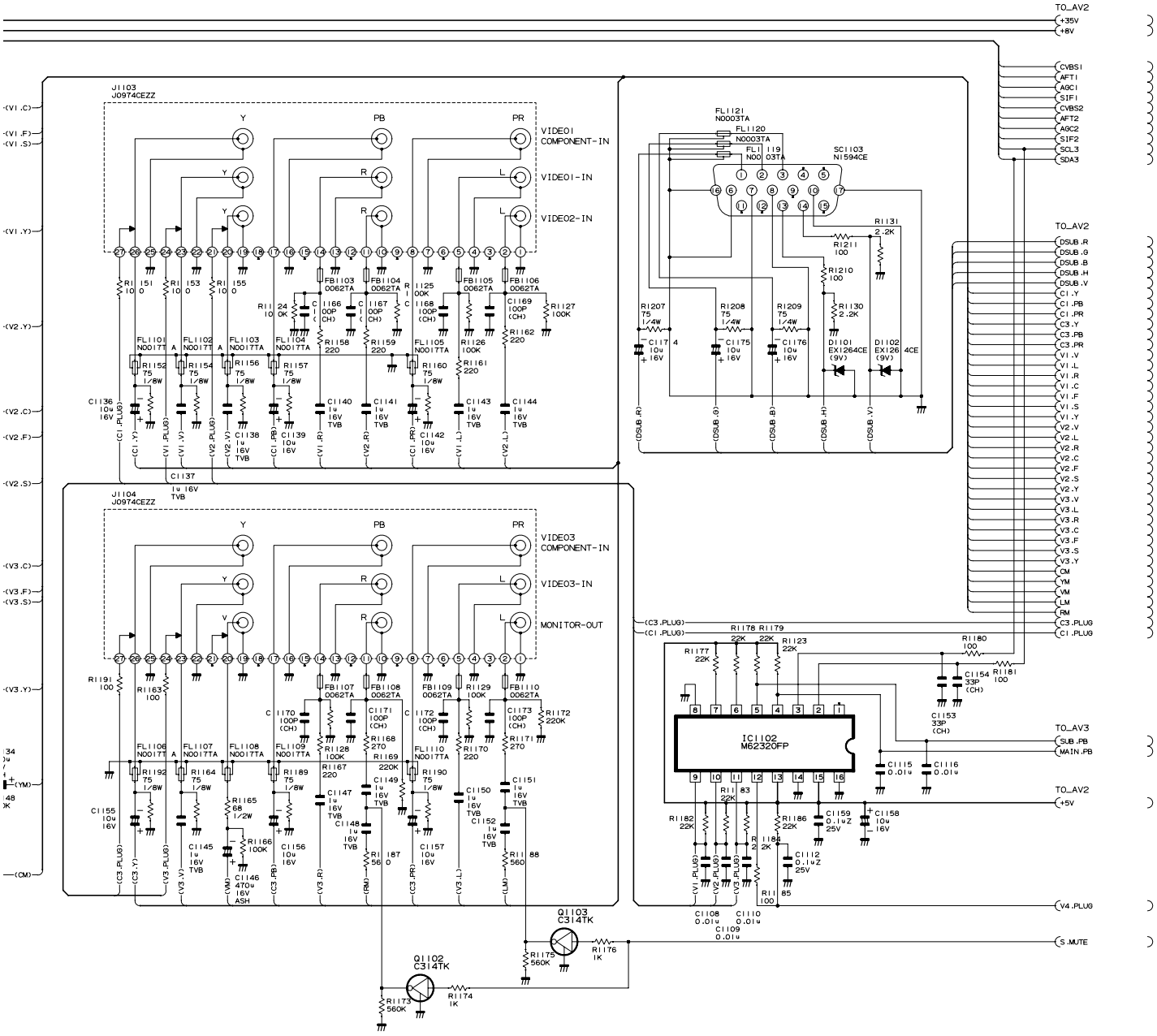

FRONT
FRONT UNIT
DUNTKA617DE
(QPWBSA617CEZZ)
C3401 100u 6.3V
C3402 0.01u
FB3408 0062TA
IC3401 24LC21 EEP ROM
C3403 0.1uZ 25V
C3404 47u 16V
Q3401 C2735 BUFFER
Q3402 C2735 BUFFER
Q3403 C2735 BUFFER
R3403 5.6K
R3407 5.6K
R3411 5.6K
R3410 100
R3402 100
R3406 100
R3412 10K
R3401 560 1/8W
R3404 10K
R3405 560 1/8W
R3408 10K
R3409 560 1/8W
R3417 47K
R3418 47K
D3409 DAN222
D3407 EX1271CE
D3408 EX1271CE
R3414 100
R3415 2.2K
R3416 100
L3401 10uHJ (1M)
FB3401 0076TA
R3413 100
R3439 47
R3440 47
R3441 47
FL3403 N0003TA
R3449 100
FB3402 0060TA
FL3402 N0003TA
FL3401 N0003TA
D3401 EX1264CE (9V)
R3454 2.2K
SC3401 N1594CE
P3401 N1278GE
TO_PC .BOARD
VGA .G 1
GND 2
VGA .B 3
GND 4
VGA .R 5
GND 6
PC_HSYNC 7
GND 8
PC_VSYNC 9
PC_CSYNC 10
GND 11
CLS_SW 12
C3405 0.01u
C3406 10u 16V
R3422 75 1/4W
R3423 75 1/4W
R3424 75 1/4W
FB3403 0060TA
R3450 100
FB3404 0060TA
R3451 100
D3405 EX1264CE (9V)
D3406 EX1264CE (9V)
R3453 2.2K
D3402 MA3120WA
D3403 MA3120WA
D3404 MA3120WA
C3407 0.01u
C3408 10u 16V
C3409 0.01u
C3410 10u 16V
SW3401 K0069CE
R3444 100



10	11	12	13	14	15	16	17	18	19

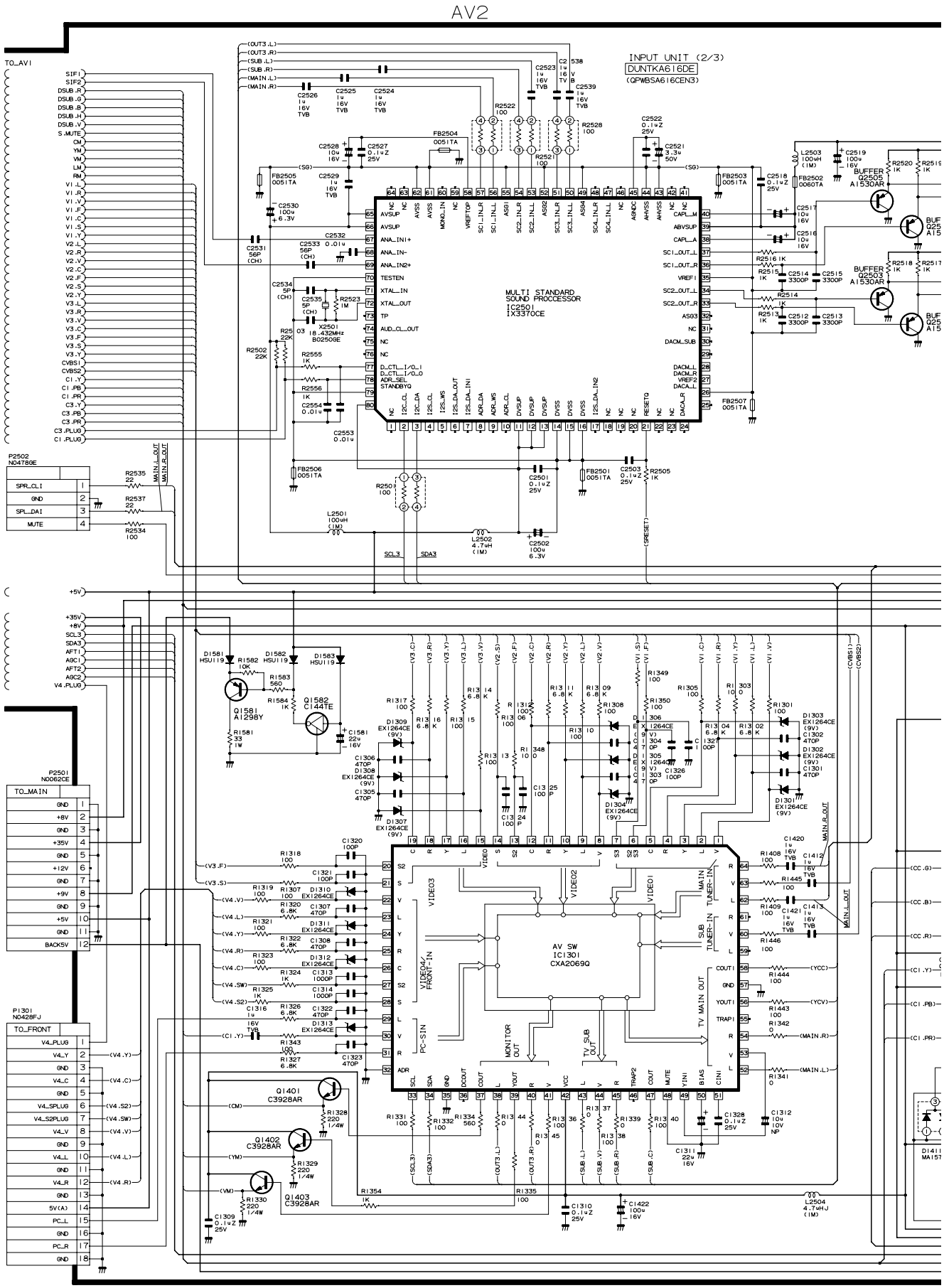
■ AV UNIT-1/3

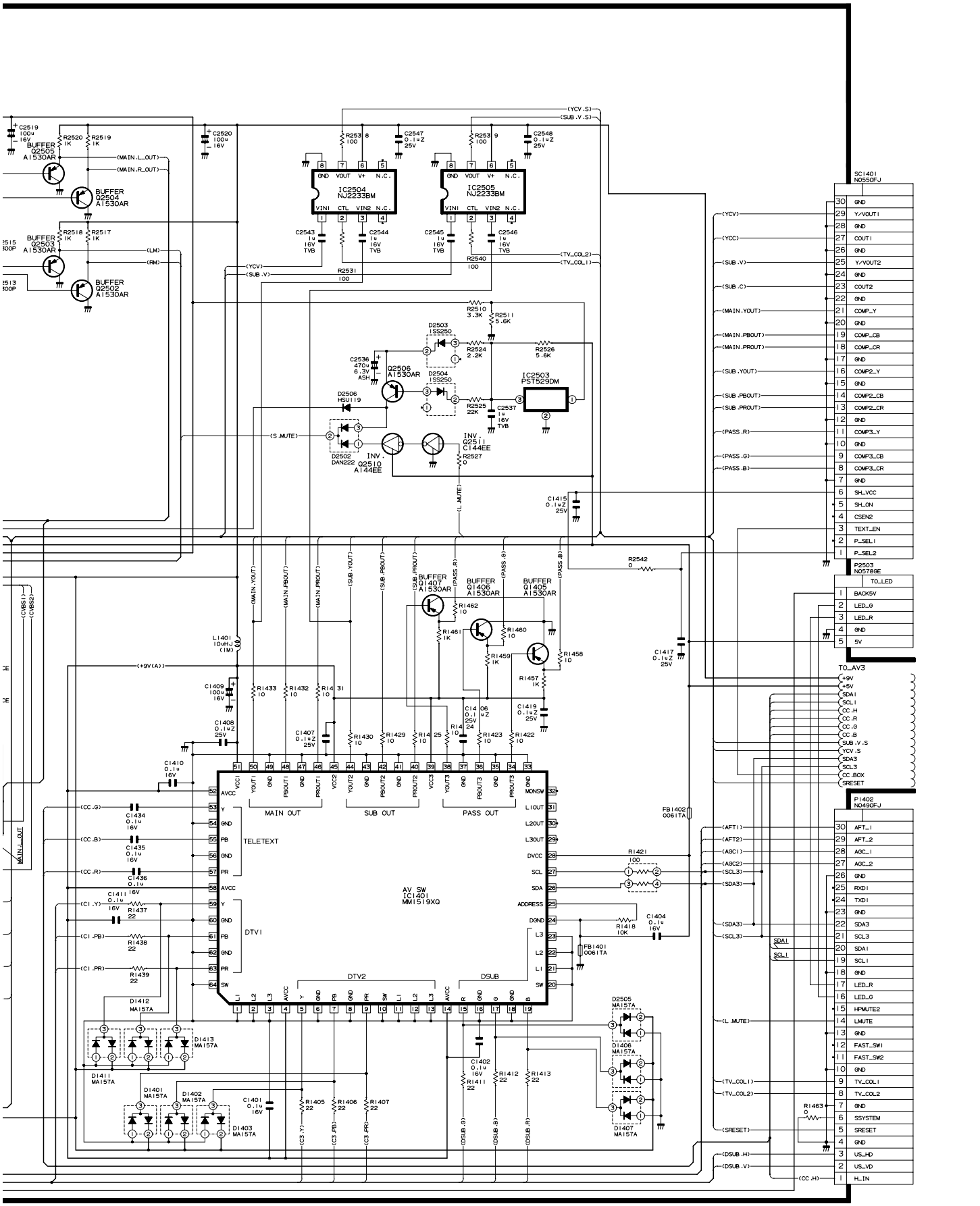

AV1
TUNER(MAIN)
TU1101
VT2U5UW253
TUNER(SUB)
TU1102
VT2U5UF253
5V REGULATOR
IC1101
BA05FP++
5V REGULATOR
IC1103
BA05FP++
IC1104
MMI506XN
IC1105
MMI506XN
Q1101
C3928AR
Q1104
C3928AR
Q1105
A1530AR
Q1106
A1530AR
Q1107
A1530AR
Q1108
C3928AR
Q1111
C3928AR
Q1112
A1530AR
D1103
HSU119
D1104
HSU119
D1110
EX0207CE
SC1101
D0834CE
SC1102
D0834CE
INPUT UNIT (1/3)
DUNTKA616DE
(QPWBSA616CEN3)
PWB1002
SA616CEN3



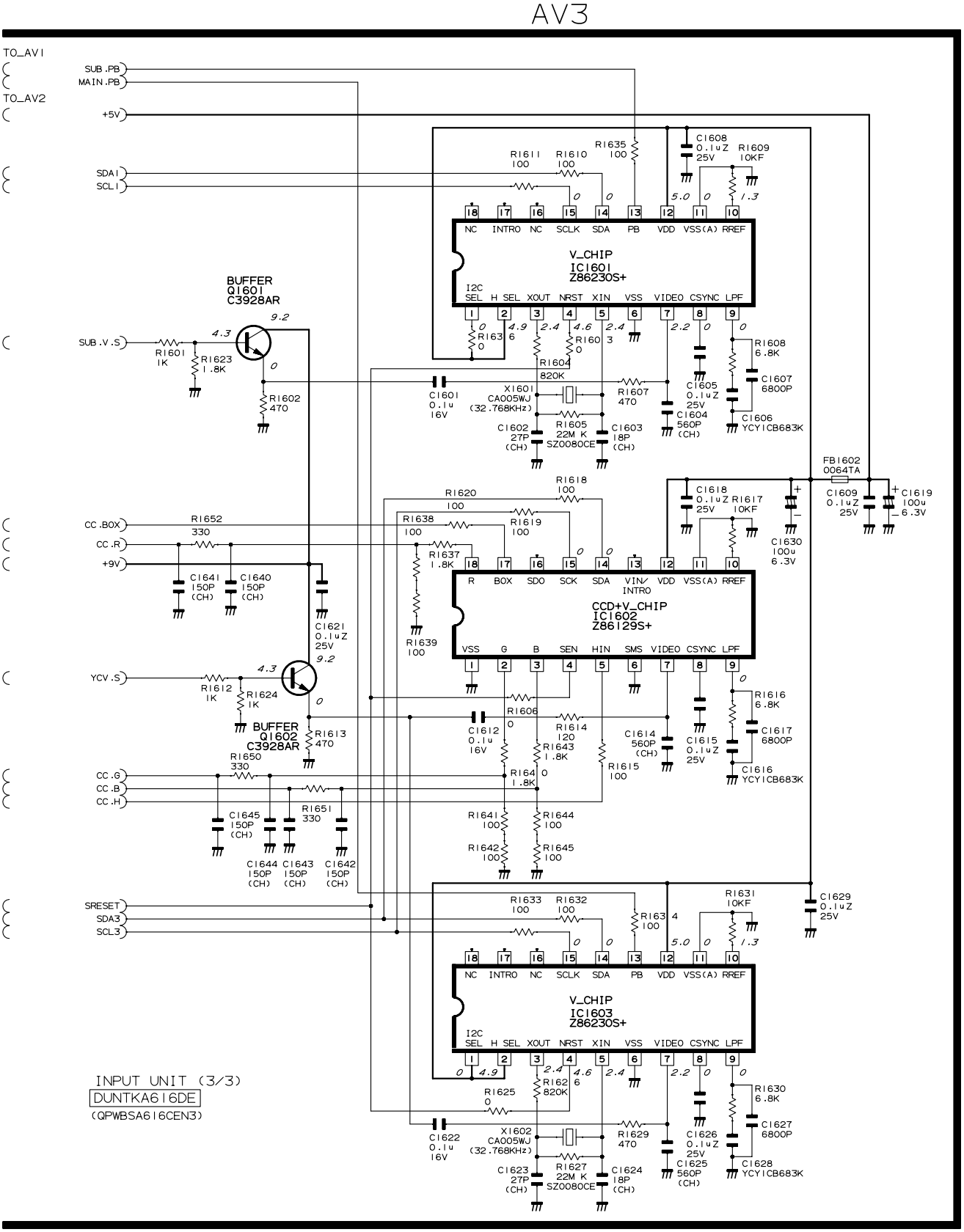
10	11	12	13	14	15	16	17	18	19

■ AV UNIT-2/3

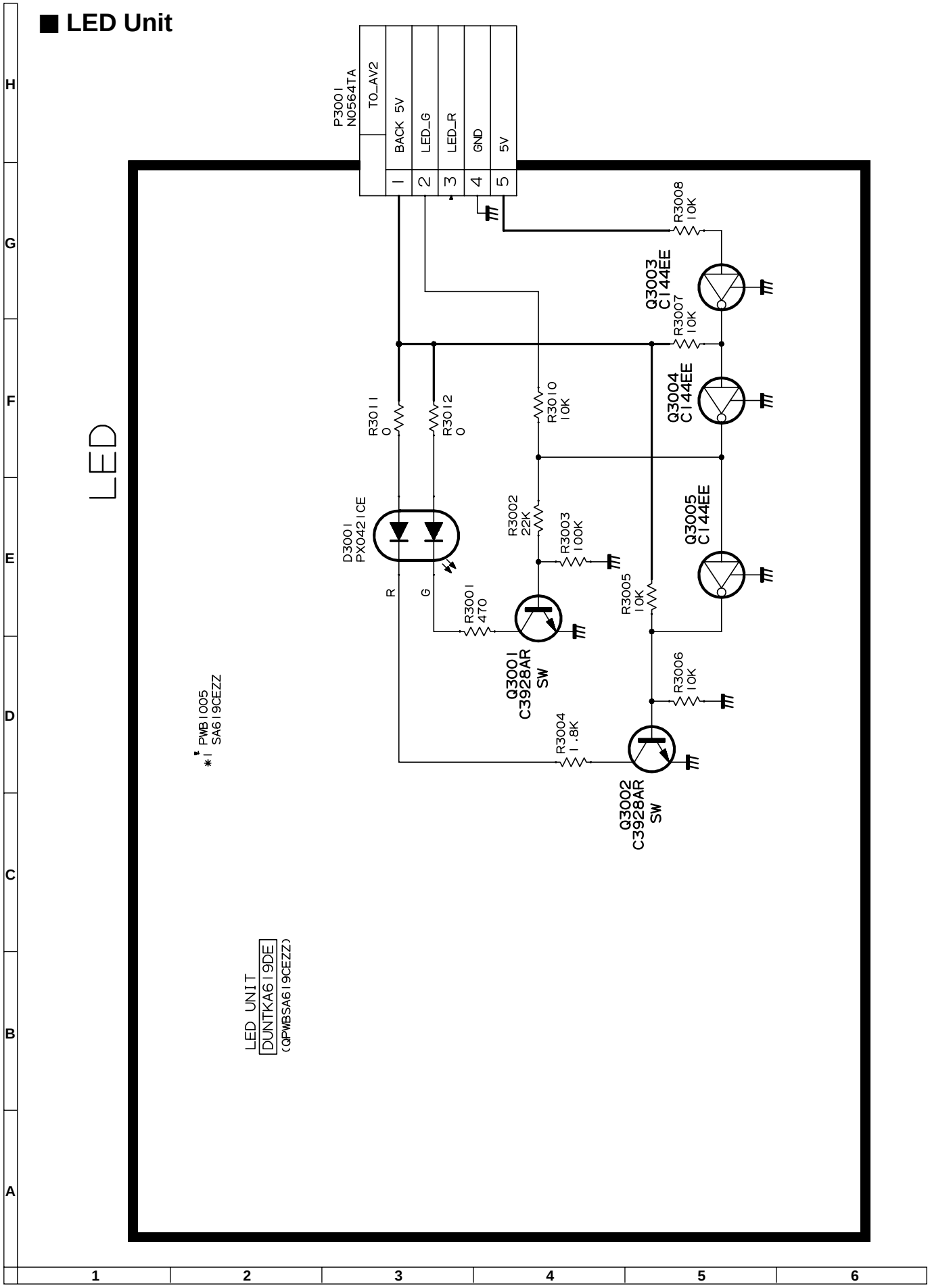

AV2
INPUT UNIT (2/3)
DUNTKA616DE
(QPWBSA616CEN3)
MULTI STANDARD
SOUND PROCCESSOR
IC2501
IX3370CE
AV SW
IC1301
CXA2069Q
TO_AVI
TO_MAIN
TO_FRONT
P2502
N0478QE
P2501
N0662CE
P1301
N0428FJ
BUFFER
Q2505
A1530AR
BUFFER
Q2503
A1530AR
Q1581
A1298Y
Q1582
C144TE
Q1401
C3928AR
Q1402
C3928AR
Q1403
C3928AR


AV SW
IC1401
MM1519XQ
MAIN OUT
SUB OUT
PASS OUT
TELETEXT
DTV1
DTV2
DSUB
IC2504
NJ2233BM
IC2505
NJ2233BM
IC2503
PST529DM
SC1401
P2503
P1402
TO_AV3
TO_LED

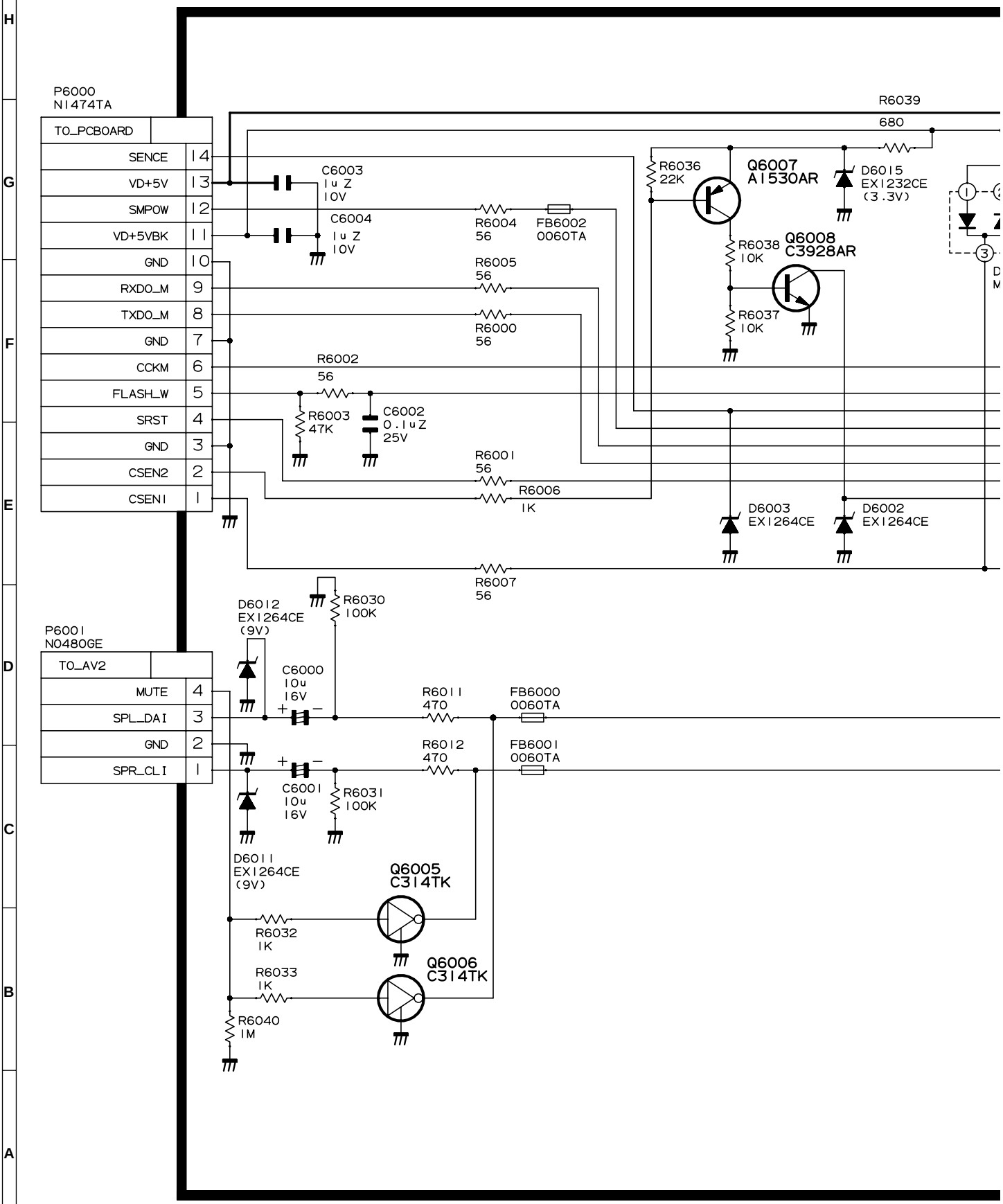
■ AV UNIT-3/3


AV3
TO_AV1
SUB.PB
MAIN.PB
TO_AV2
+5V
SDA1
SCL1
V_CHIP
IC1601
Z86230S+
BUFFER
Q1601
C3928AR
SUB.V.S
CCD+V_CHIP
IC1602
Z86129S+
BUFFER
Q1602
C3928AR
YCV.S
CC.BOX
CC.R
+9V
CC.G
CC.B
CC.H
SRESET
SDA3
SCL3
V_CHIP
IC1603
Z86230S+
INPUT UNIT (3/3)
DUNTKA616DE
(QPWBSA616CEN3)

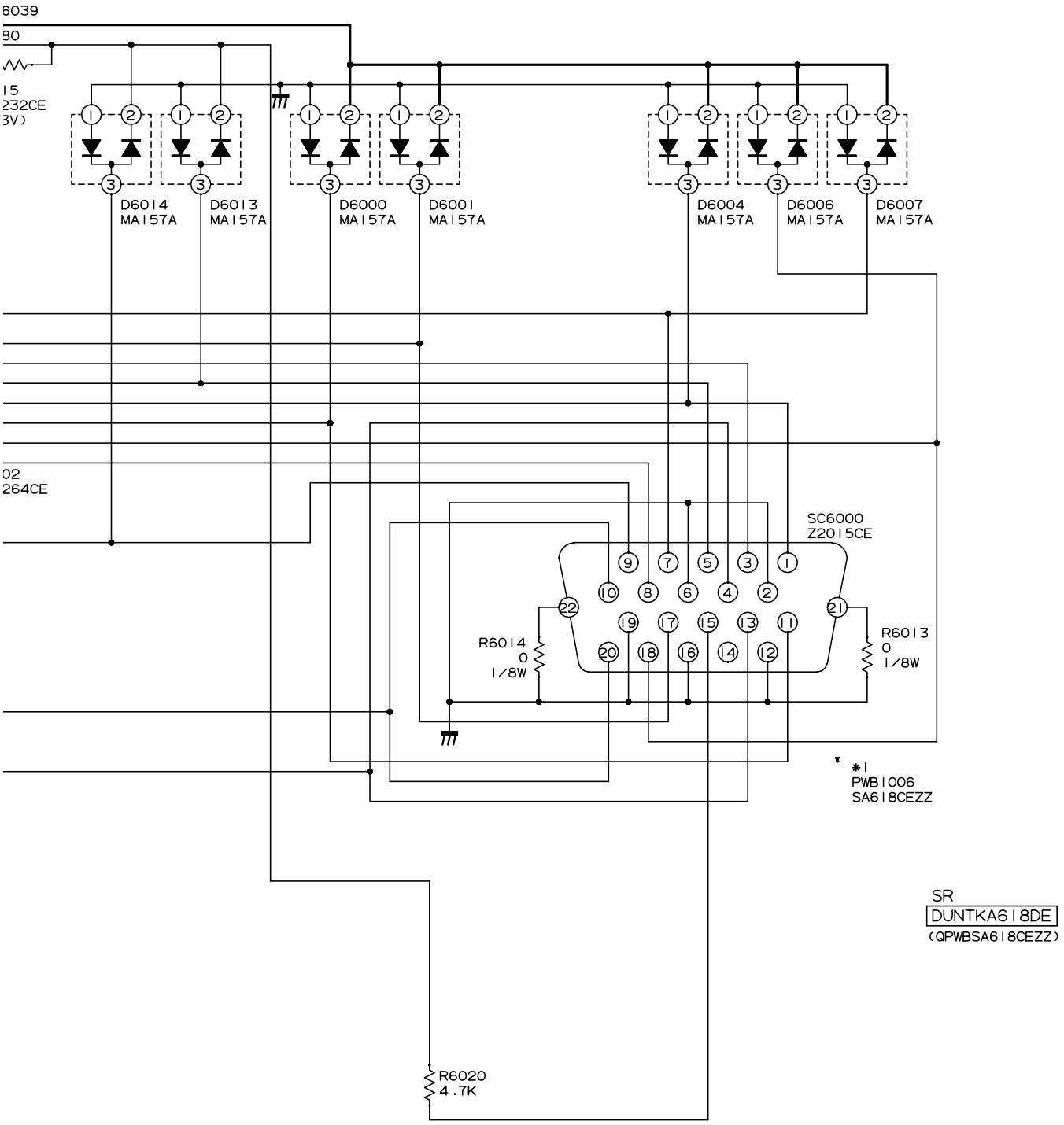
■ LED Unit


P3001
N0564TA
TO_AV2
1 BACK 5V
2 LED_G
3 LED_R
4 GND
5 5V
LED
R3008 10K
Q3003 C144EE
R3007 10K
Q3004 C144EE
R3011 0
R3012 0
R3010 10K
D3001 PX042ICE
R
G
R3002 22K
R3003 100K
Q3005 C144EE
R3001 470
R3005 10K
Q3001 C3928AR SW
R3006 10K
R3004 1.8K
Q3002 C3928AR SW
PWB1005
SA619CEZZ
LED UNIT
DUNTKA619DE
(QPWBSA619CEZZ)

■ SR Unit

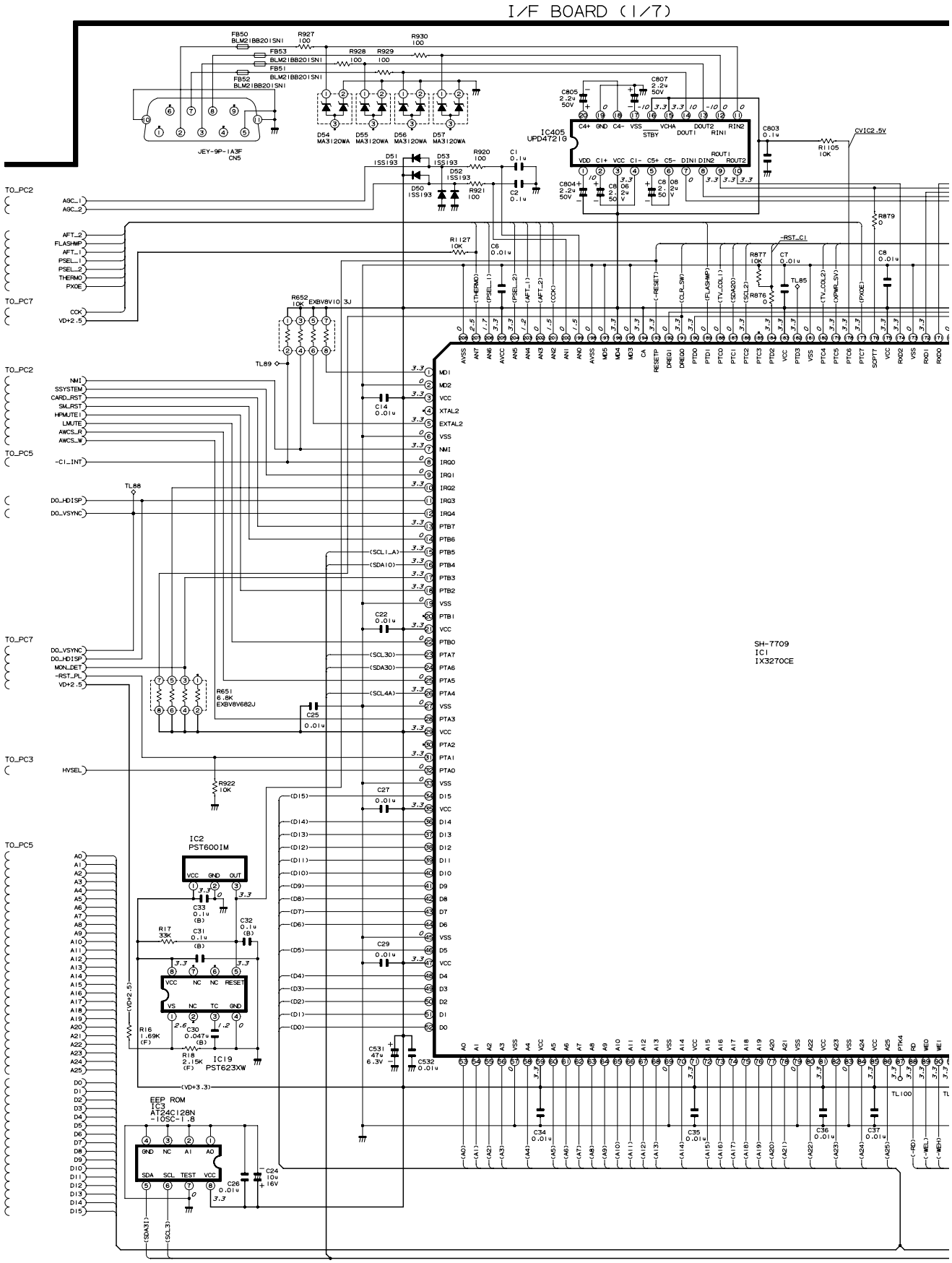

P6000
N1474TA
TO_PCBOARD
SENCE 14
VD+5V 13
SMPOW 12
VD+5VBK 11
GND 10
RXDO_M 9
TXDO_M 8
GND 7
CCKM 6
FLASH_W 5
SRST 4
GND 3
CSEN2 2
CSEN1 1
C6003 1u Z 10V
C6004 1u Z 10V
R6004 56
FB6002 0060TA
R6005 56
R6000 56
R6002 56
R6003 47K
C6002 0.1uZ 25V
R6001 56
R6006 1K
R6007 56
R6039 680
R6036 22K
Q6007 A1530AR
D6015 EX1232CE (3.3V)
R6038 10K
Q6008 C3928AR
R6037 10K
D6003 EX1264CE
D6002 EX1264CE
P6001
N0480GE
TO_AV2
MUTE 4
SPL_DAI 3
GND 2
SPR_CLI 1
D6012 EX1264CE (9V)
R6030 100K
C6000 10u 16V
R6011 470
FB6000 0060TA
R6012 470
FB6001 0060TA
C6001 10u 16V
R6031 100K
D6011 EX1264CE (9V)
Q6005 C314TK
R6032 1K
Q6006 C314TK
R6033 1K
R6040 1M

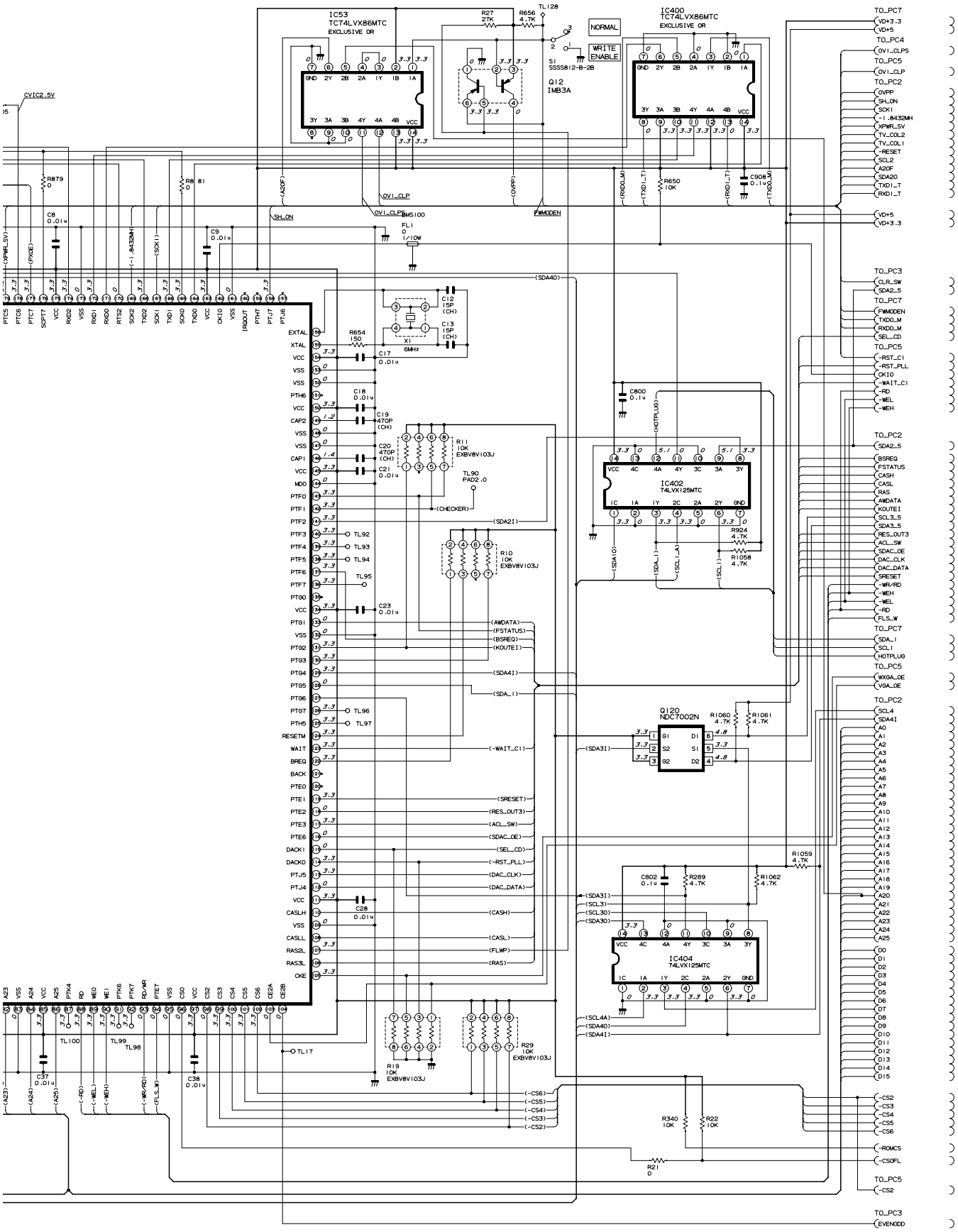
SR



10	11	12	13	14	15	16	17	18	19

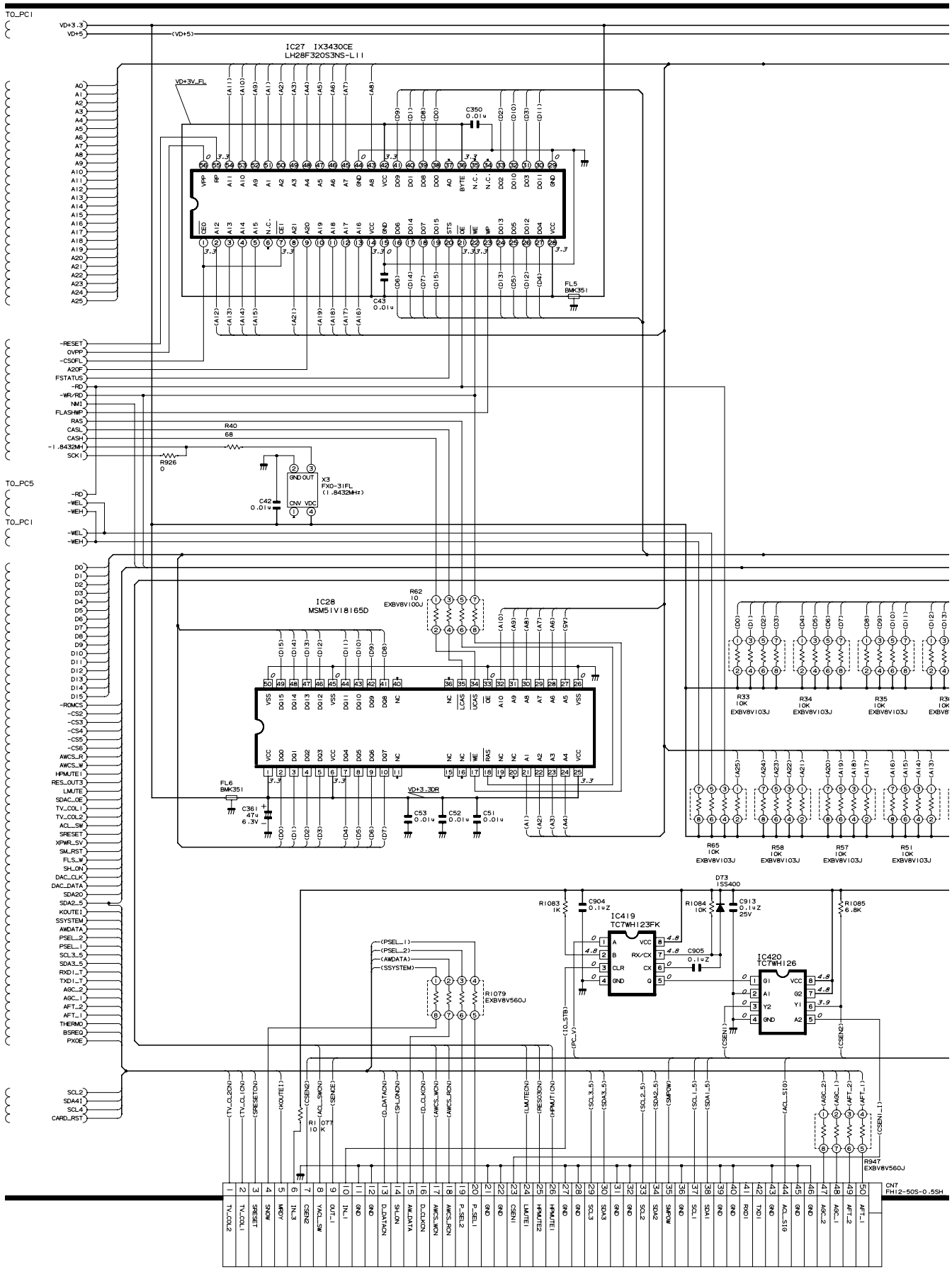
■ PC I/F Unit-1/7

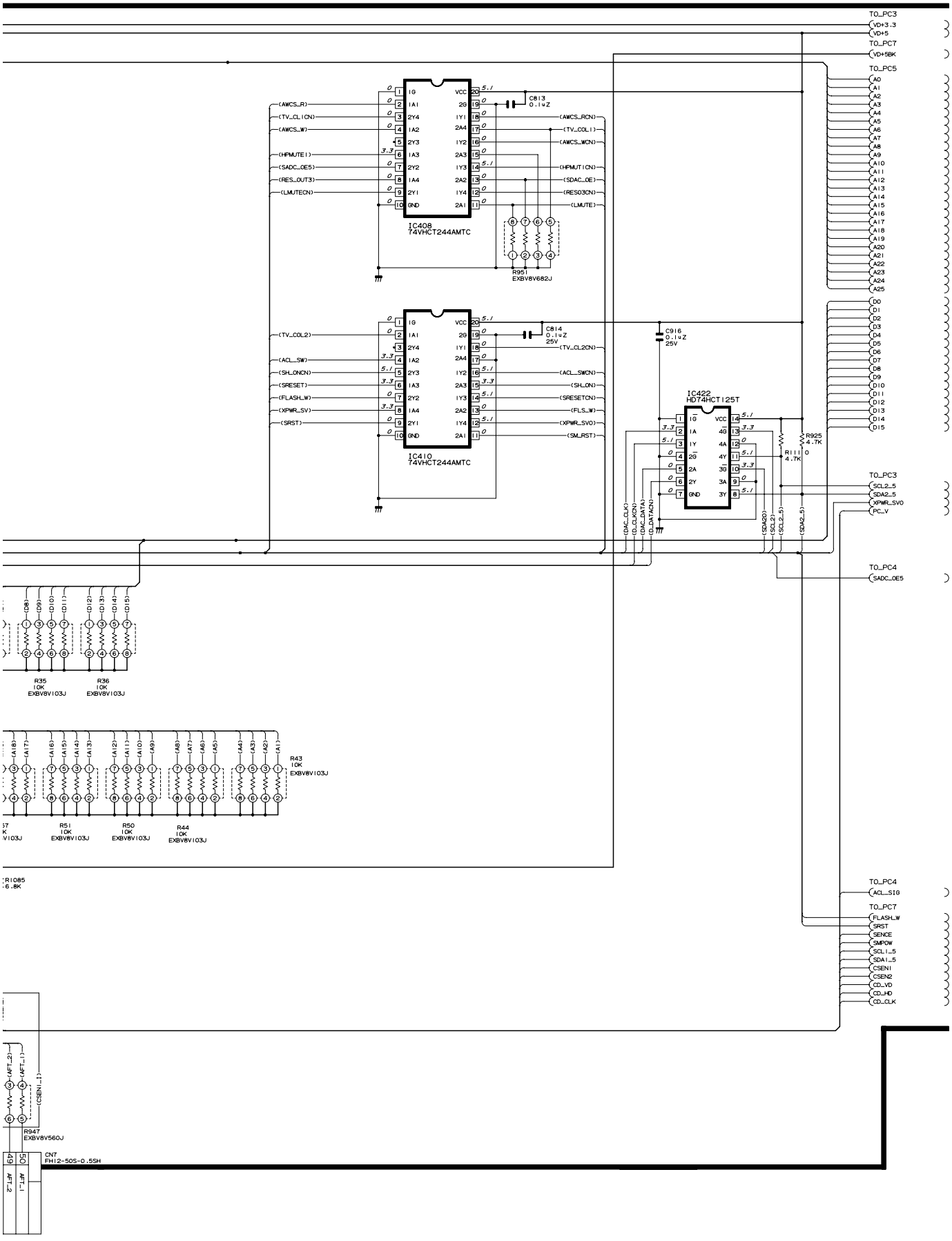

I/F BOARD (1/7)
SH-7709
IC1
IX3270CE
IC405
UPD47210
IC2
PST600IM
IC3
AT24C128N
-10SC-1.8
IC19
PST623XW
JEY-9P-1A3F
CN5
TO_PC2
TO_PC7
TO_PC5
TO_PC3
TL88
TL89
TL85
TL100



10	11	12	13	14	15	16	17	18	19

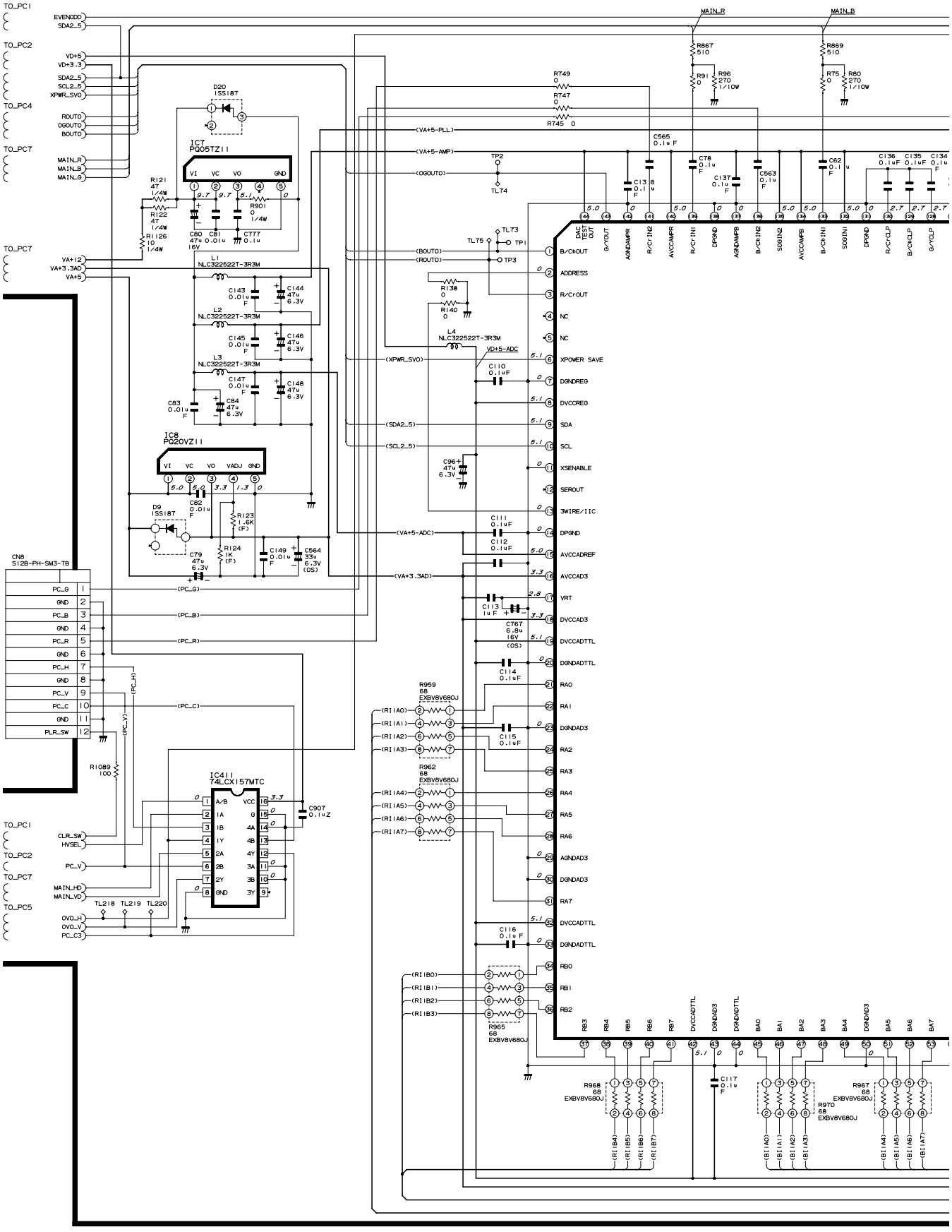
■ PC I/F Unit-2/7

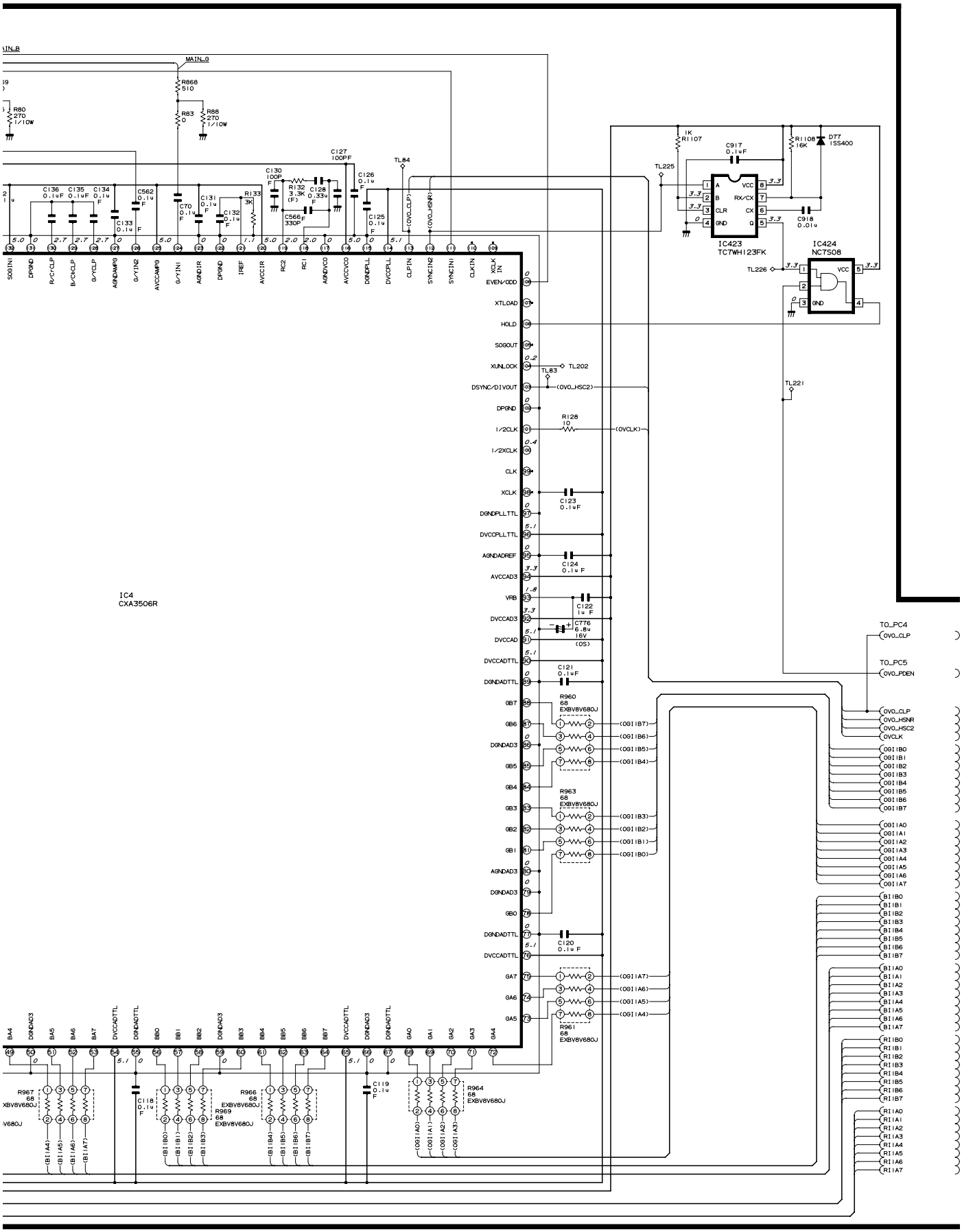

I/F BOARD (2/7)
TO_PC1
TO_PC5
IC27 IX3430CE
LH28F320S3NS-L11
IC28
MSM51V18165D
IC419
TC7WH123FK
IC420
TC7WH126
D73
1SS400
X3
FX0-31FL
(11.8432MHz)
FL5
BMK351
FL6
BMK351
CN7
FH12-50S-0.5SH



10	11	12	13	14	15	16	17	18	19

■ PC I/F Unit-3/7

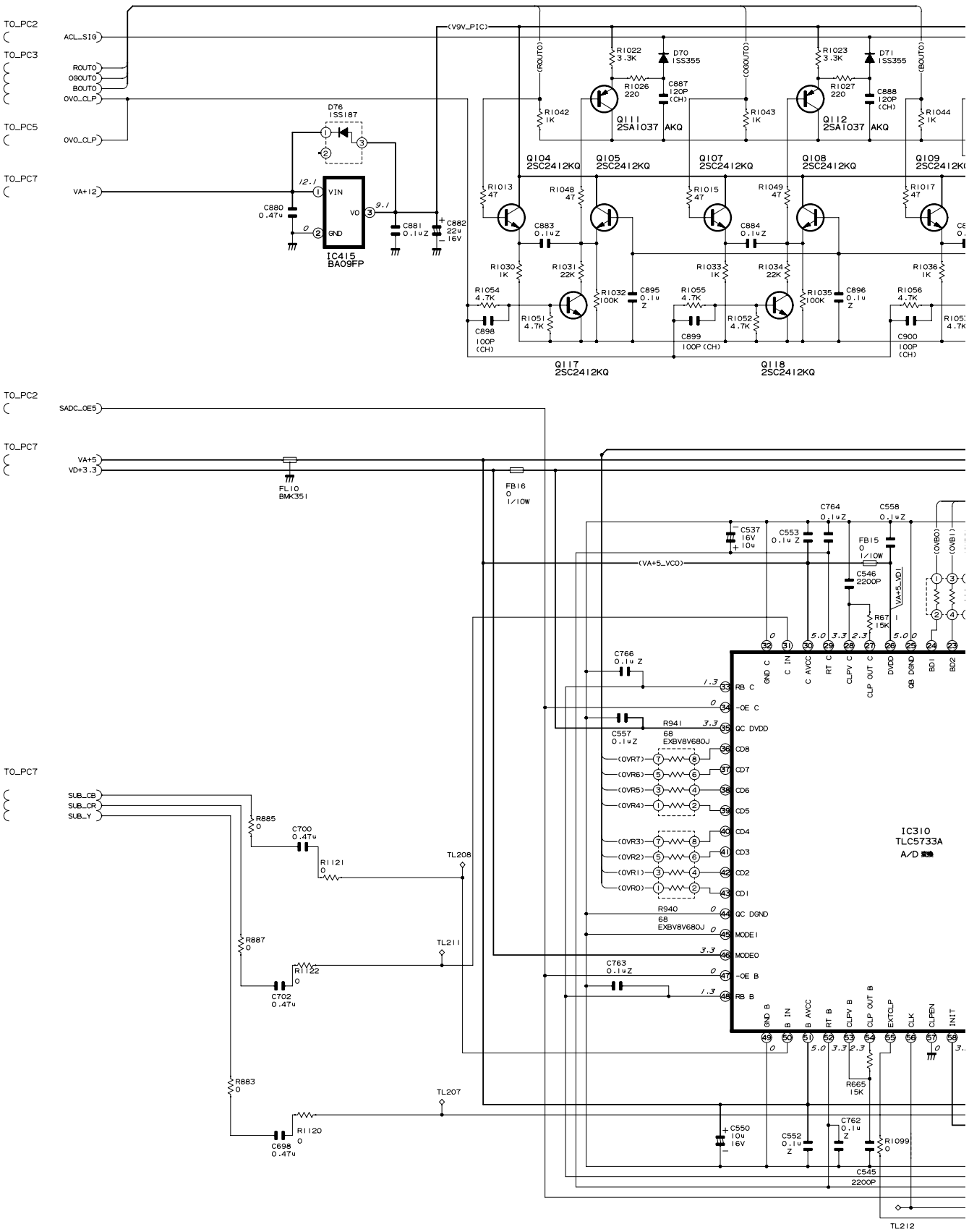

I/F BOARD (3/7)
TO_PC1
EVENODD
SDA2_5
TO_PC2
VD+5
VD+3.3
SDA2_5
SCL2_5
XPWR_SVO
TO_PC4
ROUTO
GOUTO
BOUTO
TO_PC7
MAIN_R
MAIN_B
MAIN_G
TO_PC7
VA+12
VA+3.3AD
VA+5
D20
ISS187
IC7
PQ05TZ11
VI VC VO GND
R121 4T 1/4W
R122 4T 1/4W
R1126 10 1/4W
R901 0 1/4W
C80 47u 16V
C81 0.01u
CT77 0.1u
L1 NLC322522T-3R3M
L2 NLC322522T-3R3M
L3 NLC322522T-3R3M
C143 0.01u F
C144 47u 6.3V
C145 0.01u F
C146 47u 6.3V
C147 0.01u F
C148 47u 6.3V
C83 0.01u F
C84 47u 6.3V
IC8
PQ20VZ11
VI VC VO VADJ GND
C82 0.01u F
D9
ISS187
R123 1.6K (F)
R124 1K (F)
C79 47u 6.3V
C149 0.01u F
C564 33u 6.3V (OS)
CN8
S12B-PH-SM3-TB
PC_G
GND
PC_B
GND
PC_R
GND
PC_H
GND
PC_V
PC_C
GND
PLR_SW
R1089 100
IC411
74LCX157MTC
A/B
1A
1B
1Y
2A
2B
2Y
GND
VCC
4A
4B
4Y
3A
3B
3Y
C907 0.1uZ
TO_PC1
CLR_SW
HVSEL
TO_PC2
PC_V
TO_PC7
MAIN_HD
MAIN_VD
TO_PC5
OVO_H
OVO_V
PC_C3
TL218 TL219 TL220
MAIN_R
MAIN_B
R867 510
R91 0
R96 270 1/10W
R869 510
R75 0
R80 270 1/10W
R749 0
R747 0
R745 0
(VA+5-PLL)
(VA+5-AMP)
(OGOUTO)
TP2
TL74
C565 0.1uF
C138 0.1u F
C78 0.1u F
C137 0.1u F
C563 0.1u F
C62 0.1u F
C136 0.1uF
C135 0.1uF
C134 0.1u F
TL73
TL75
TP1
TP3
(BOUTO)
(ROUTO)
R138 0
R140 0
L4 NLC322522T-3R3M
VD+5-ADC
(XPWR_SVO)
C110 0.1uF
(SDA2_5)
(SCL2_5)
C96 47u 6.3V
(VA+5-ADC)
C111 0.1uF
C112 0.1uF
(VA+3.3AD)
C113 1uF
C767 6.8u 16V (OS)
C114 0.1uF
C115 0.1uF
C116 0.1uF
C117 0.1u F
(PC_G)
(PC_B)
(PC_R)
(PC_H)
(PC_V)
(PC_C)
R959 68 EXBV8V680J
R962 68 EXBV8V680J
R965 68 EXBV8V680J
R968 68 EXBV8V680J
R967 68 EXBV8V680J
R970 68 EXBV8V680J
DAC TEST OUT
G/YOUT
AGNDAMPR
R/CrIN2
AVCCAMPR
R/CrIN1
DPGND
AGNDAMPB
B/CbIN2
SOGIN2
AVCCAMPB
B/CbIN1
SOGIN1
DPGND
R/CrCLP
B/CbCLP
G/YCLP
B/CbOUT
ADDRESS
R/CrOUT
NC
NC
XPOWER SAVE
DGNDREG
DVCCREG
SDA
SCL
XSENABLE
SEROUT
3WIRE/IIC
DPGND
AVCCADREF
AVCCAD3
VRT
DVCCAD3
DVCCADTTL
DGNDADTTL
RA0
RAI
DGNDAD3
RA2
RA3
RA4
RA5
RA6
AGNDAD3
DGNDAD3
RA7
DVCCADTTL
DGNDADTTL
RB0
RBI
RB2
RB3
RB4
RB5
RB6
RB7
DVCCADTTL
DGNDAD3
DGNDADTTL
BA0
BAI
BA2
BA3
BA4
DGNDAD3
BA5
BA6
BA7

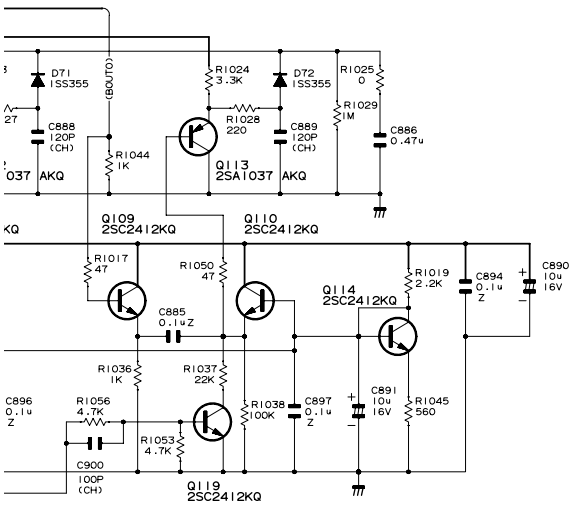


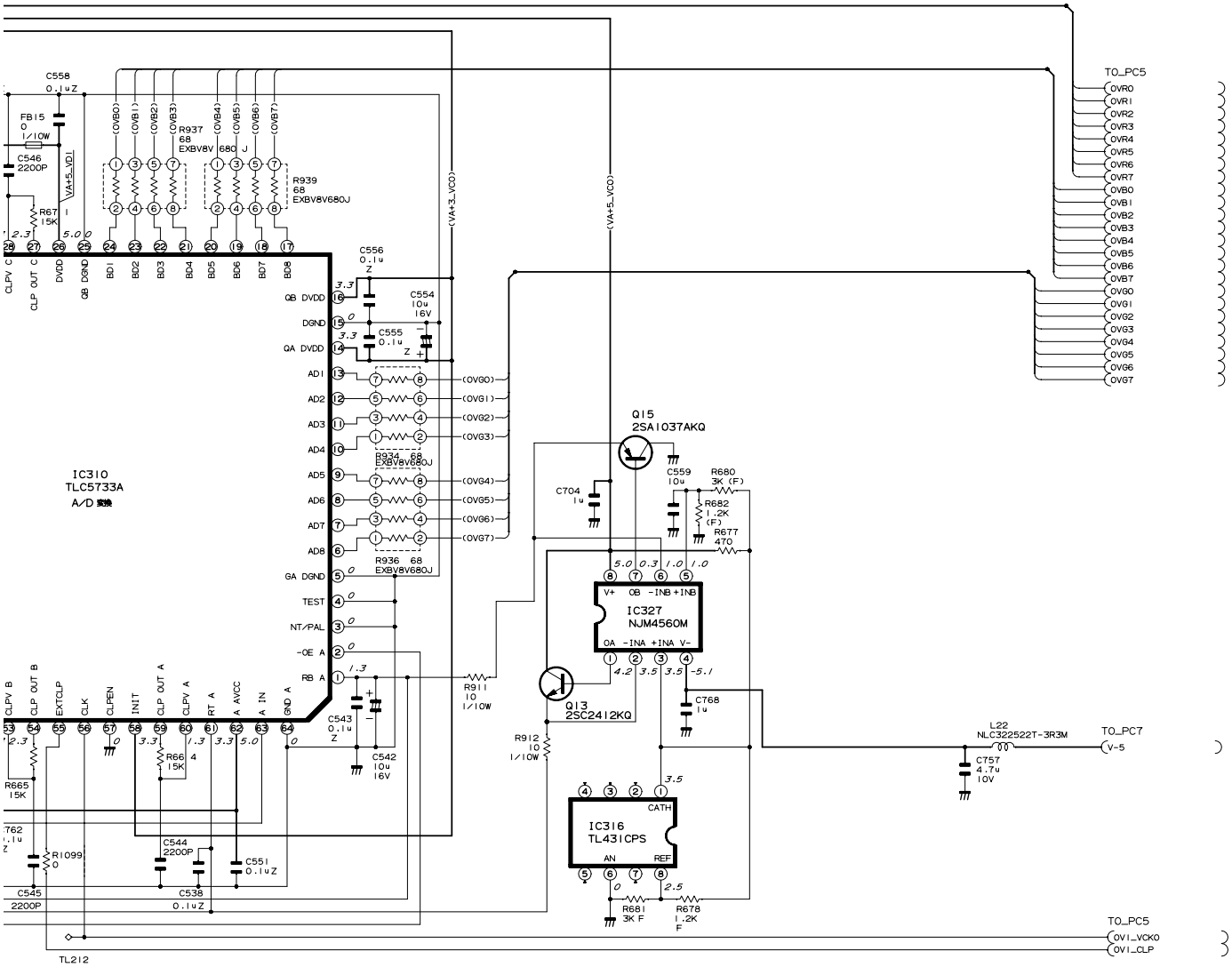
10	11	12	13	14	15	16	17	18	19

■ PC I/F Unit-4/7

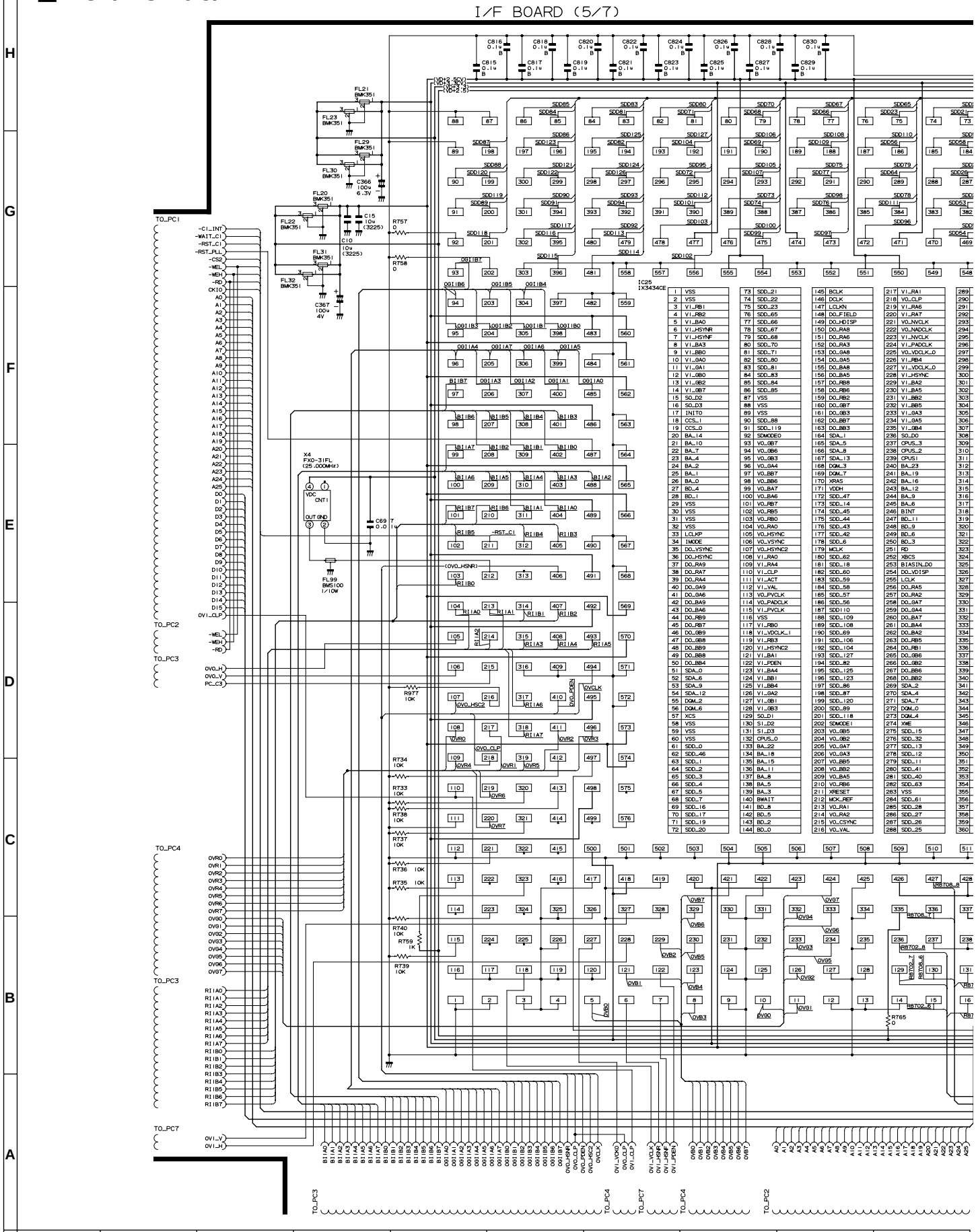
I/F BOARD (4/7)

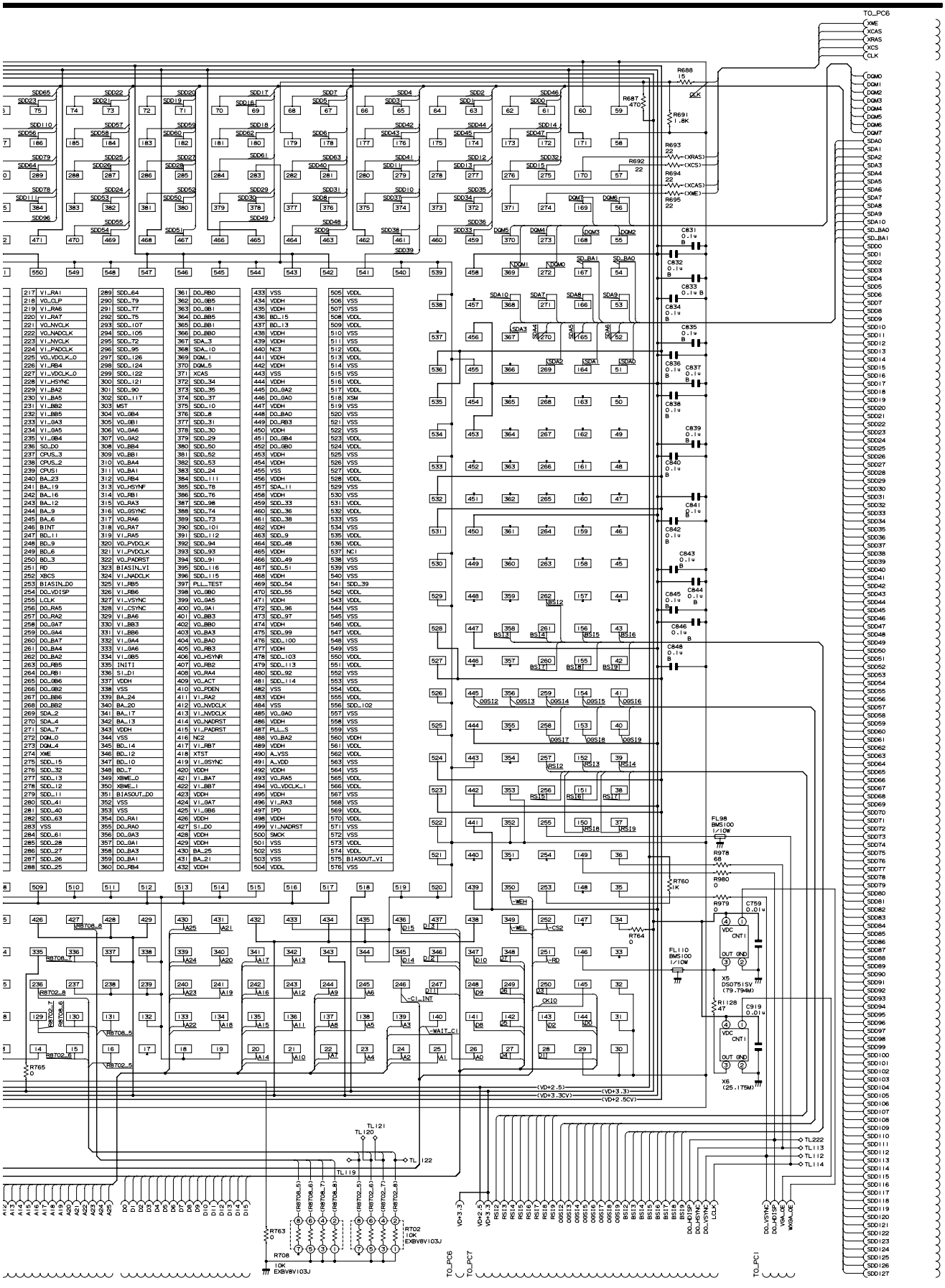



D71
1SS355
(BOUT0)
R1024
3.3K
D72
1SS355
R1025
0
R1028
220
R1029
1M
C888
120P
(CH)
C889
120P
(CH)
C886
0.47u
R1044
1K
Q113
2SA1037 AKQ
Q109
2SC2412KQ
Q110
2SC2412KQ
R1017
47
R1050
47
R1019
2.2K
C894
0.1u
Z
C890
10u
16V
Q114
2SC2412KQ
C885
0.1uZ
R1036
1K
R1037
22K
R1038
100K
C897
0.1u
Z
C891
10u
16V
R1045
560
C896
0.1u
Z
R1056
4.7K
R1053
4.7K
C900
100P
(CH)
Q119
2SC2412KQ


C558
0.1uZ
FB15
0
1/10W
C546
2200P
R67
15K
VA+5_VDL
(OVB0)
(OVB1)
(OVB2)
(OVB3)
(OVB4)
(OVB5)
(OVB6)
(OVB7)
R937
68
EXBV8V 680 J
R939
68
EXBV8V680J
(VA+3_VCO)
(VA+5_VCO)
TO_PC5
OVR0
OVR1
OVR2
OVR3
OVR4
OVR5
OVR6
OVR7
OVB0
OVB1
OVB2
OVB3
OVB4
OVB5
OVB6
OVB7
OVG0
OVG1
OVG2
OVG3
OVG4
OVG5
OVG6
OVG7
CLPV C
CLP OUT C
DVDD
DGND
QB
BD1
BD2
BD3
BD4
BD5
BD6
BD7
BD8
C556
0.1u
Z
C554
10u
16V
C555
0.1u
Z
QB DVDD
DGND
QA DVDD
AD1
AD2
AD3
AD4
AD5
AD6
AD7
AD8
GA DGND
TEST
NT/PAL
-OE A
RB A
R934 68
EXBV8V680J
R936 68
EXBV8V680J
IC310
TLC5733A
A/D
Q15
2SA1037AKQ
C559
10u
R680
3K (F)
R682
1.2K
(F)
R677
470
C704
1u
IC327
NJM4560M
V+ OB -INB +INB
OA -INA +INA V-
Q13
2SC2412KQ
C768
1u
R911
10
1/10W
R912
10
1/10W
L22
NLC322522T-3R3M
C757
4.7u
10V
TO_PC7
V-5
IC316
TL431CPS
CATH
AN
REF
R681
3K F
R678
1.2K
F
CLPV B
CLP OUT B
EXTCLP
CLK
CLPEN
INIT
CLP OUT A
CLPV A
RT A
A AVCC
A IN
GND A
R665
15K
R664
15K
R1099
0
C545
2200P
C544
2200P
C538
0.1uZ
C551
0.1uZ
C543
0.1u
Z
C542
10u
16V
TO_PC5
OVI_VCKO
OVI_CLP
TL212

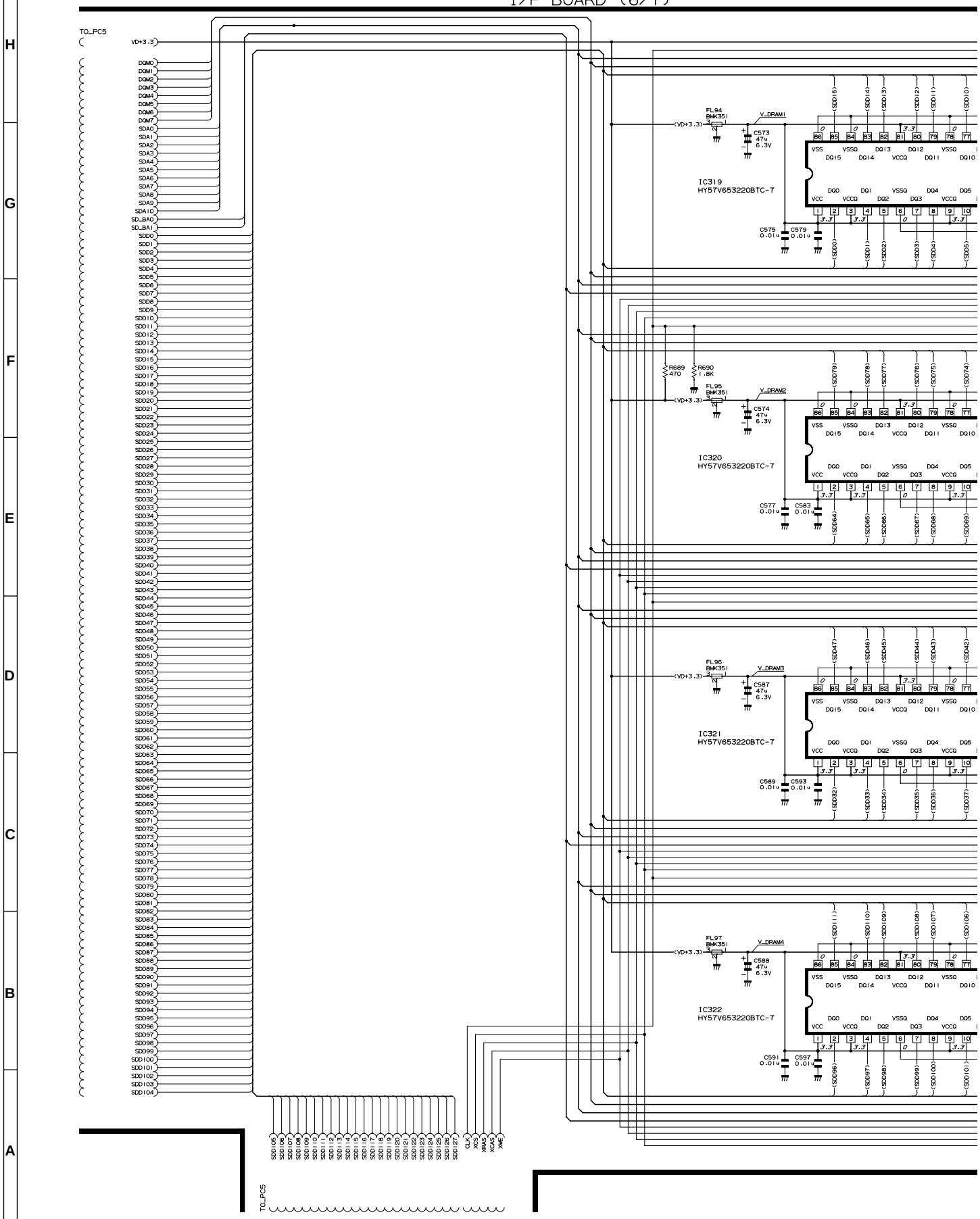
■ PC I/F Unit-5/7

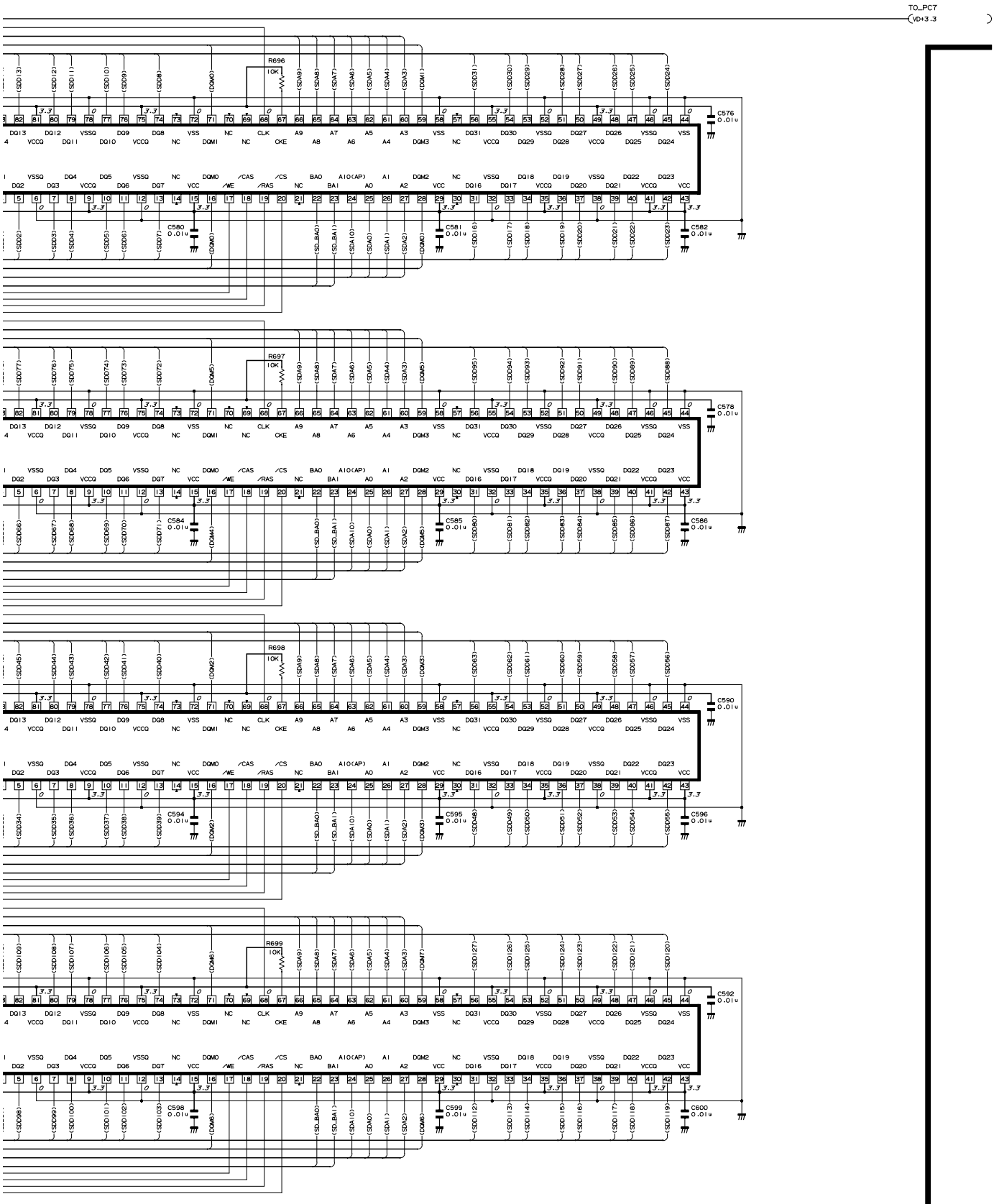

I/F BOARD (5/7)
TO_PC1
TO_PC2
TO_PC3
TO_PC4
TO_PC7
IC25
1X3434CE
X4
FXO-3(FL
(25.000MHz)
FL99
BMS100
1/10W



10	11	12	13	14	15	16	17	18	19

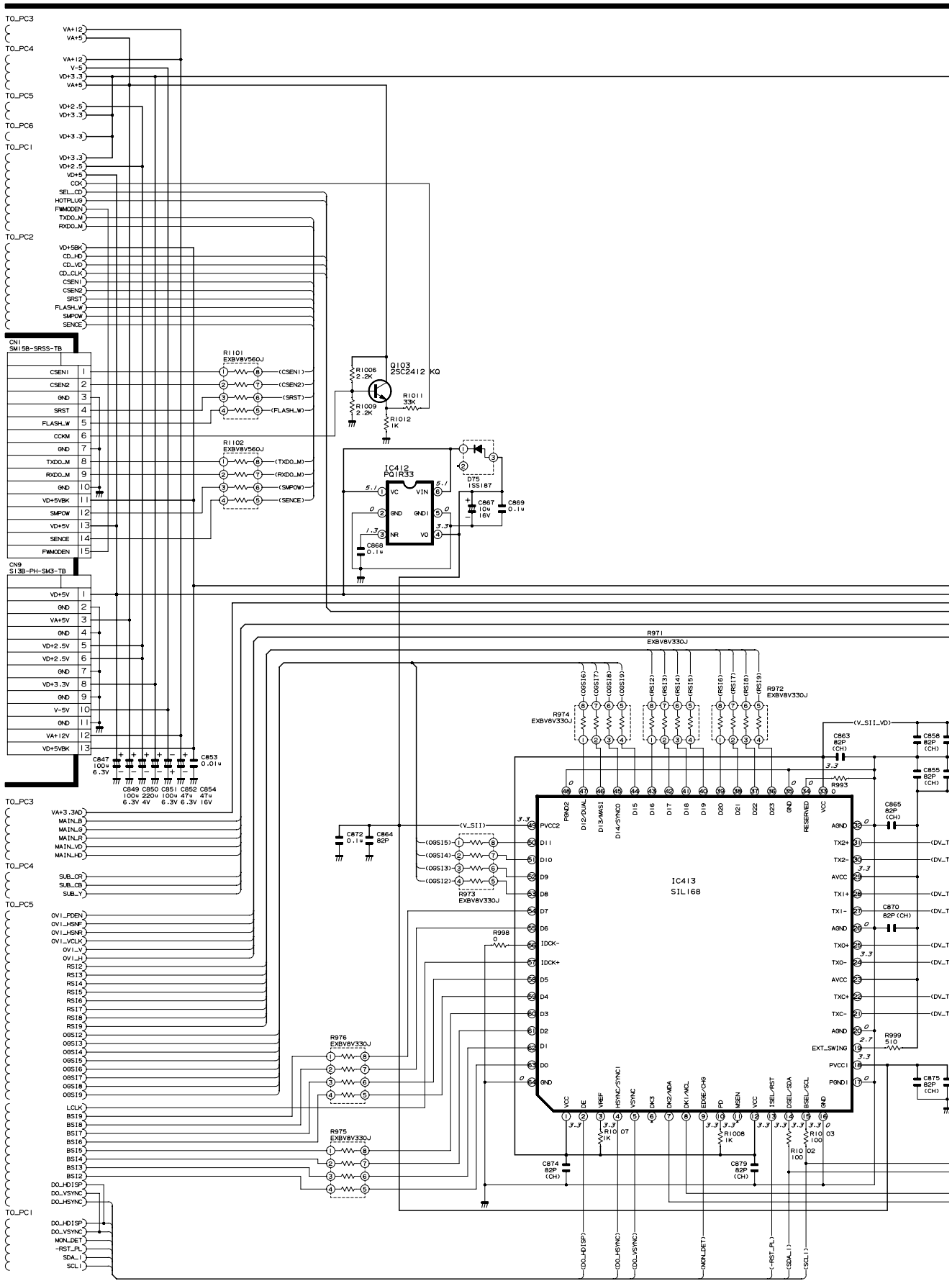
■ PC I/F Unit-6/7

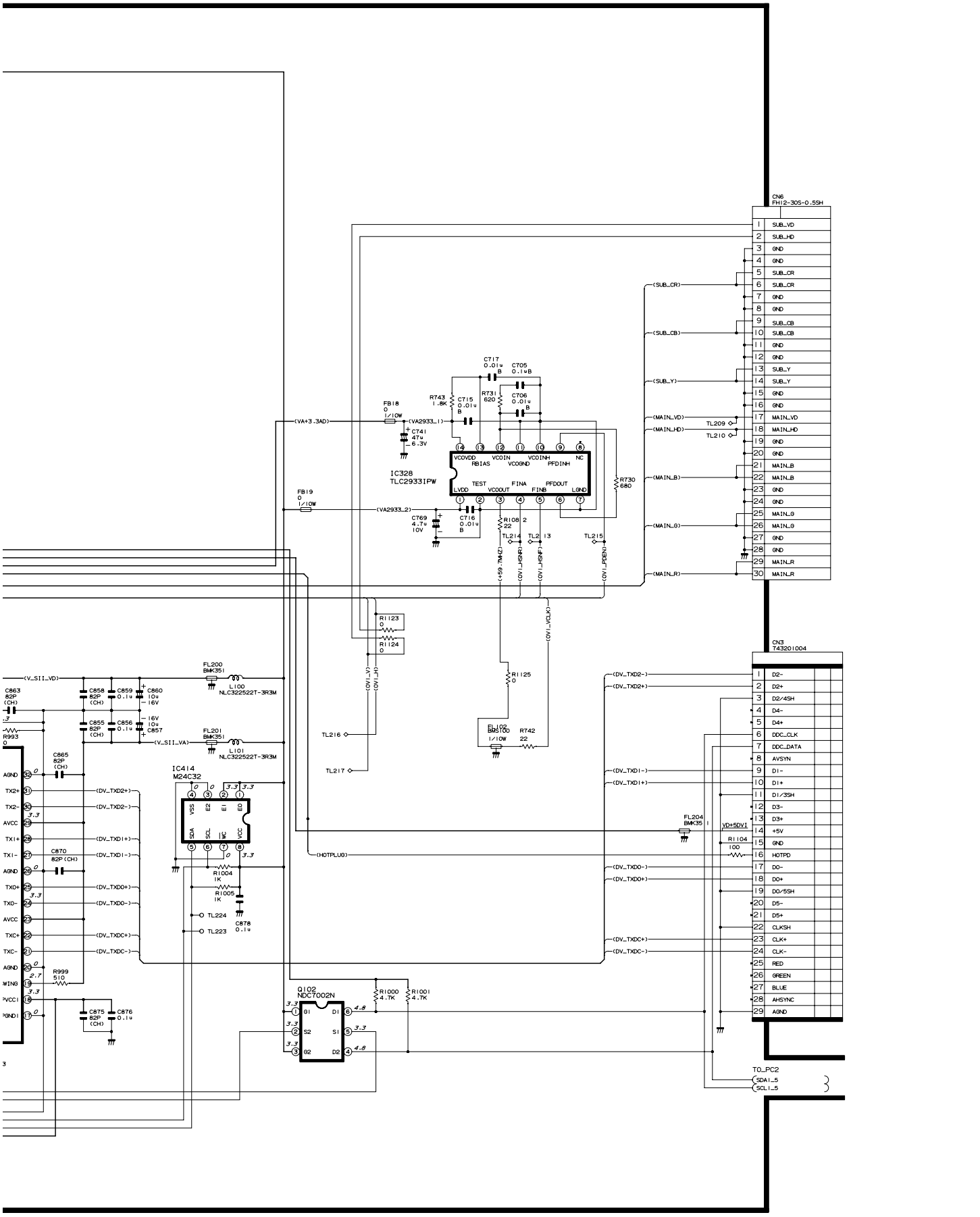

I/F BOARD (6/7)
TO_PC5
VD+3.3
IC319
HY57V653220BTC-7
IC320
HY57V653220BTC-7
IC321
HY57V653220BTC-7
IC322
HY57V653220BTC-7
V_DRAM1
V_DRAM2
V_DRAM3
V_DRAM4
FL94
FL95
FL96
FL97
C573
C574
C587
C588
C575
C579
C577
C583
C589
C593
C591
C597
R689
R690
CLK
XCS
XRAS
XCAS
XWE



10	11	12	13	14	15	16	17	18	19

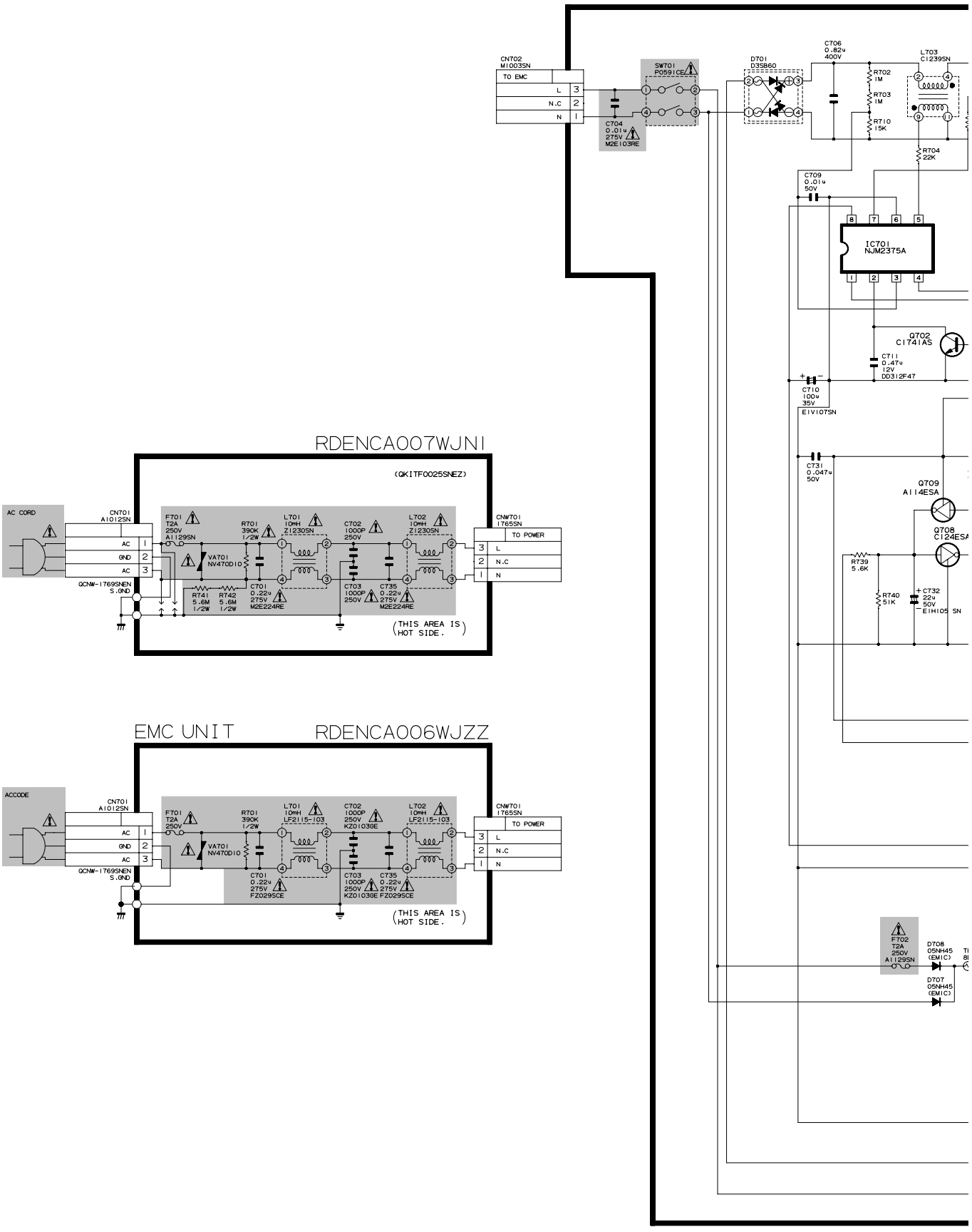
■ PC I/F Unit-7/7

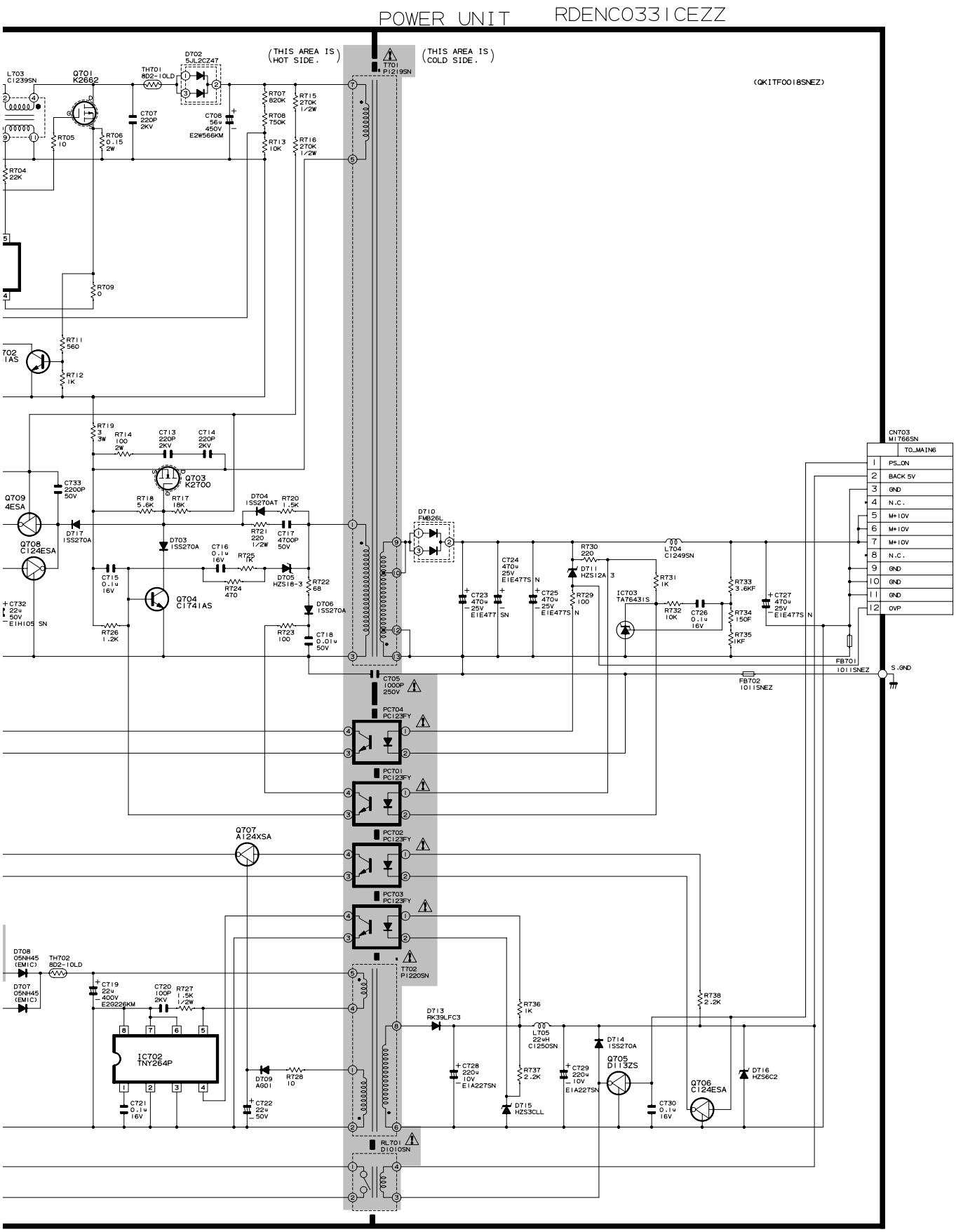

I/F BOARD (7/7)
IC413
SIL168
IC412
PQ1R33
Q103
2SC2412 KQ
D75
1SS187
CN1
SM15B-SRSS-TB
CN9
S13B-PH-SM3-TB
TO_PC3
TO_PC4
TO_PC5
TO_PC6
TO_PC1
TO_PC2



10	11	12	13	14	15	16	17	18	19

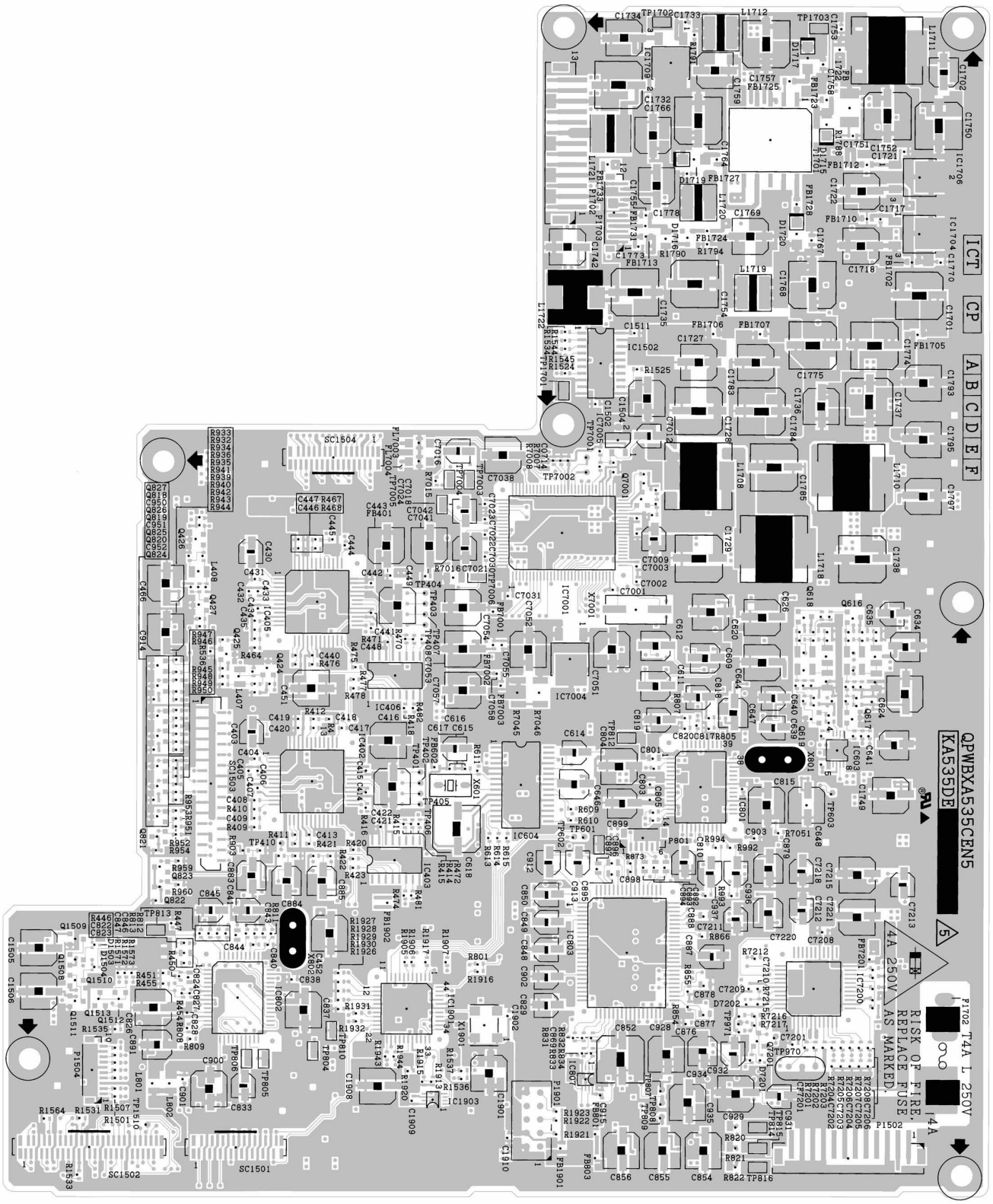
■ POWER and EMC Unit



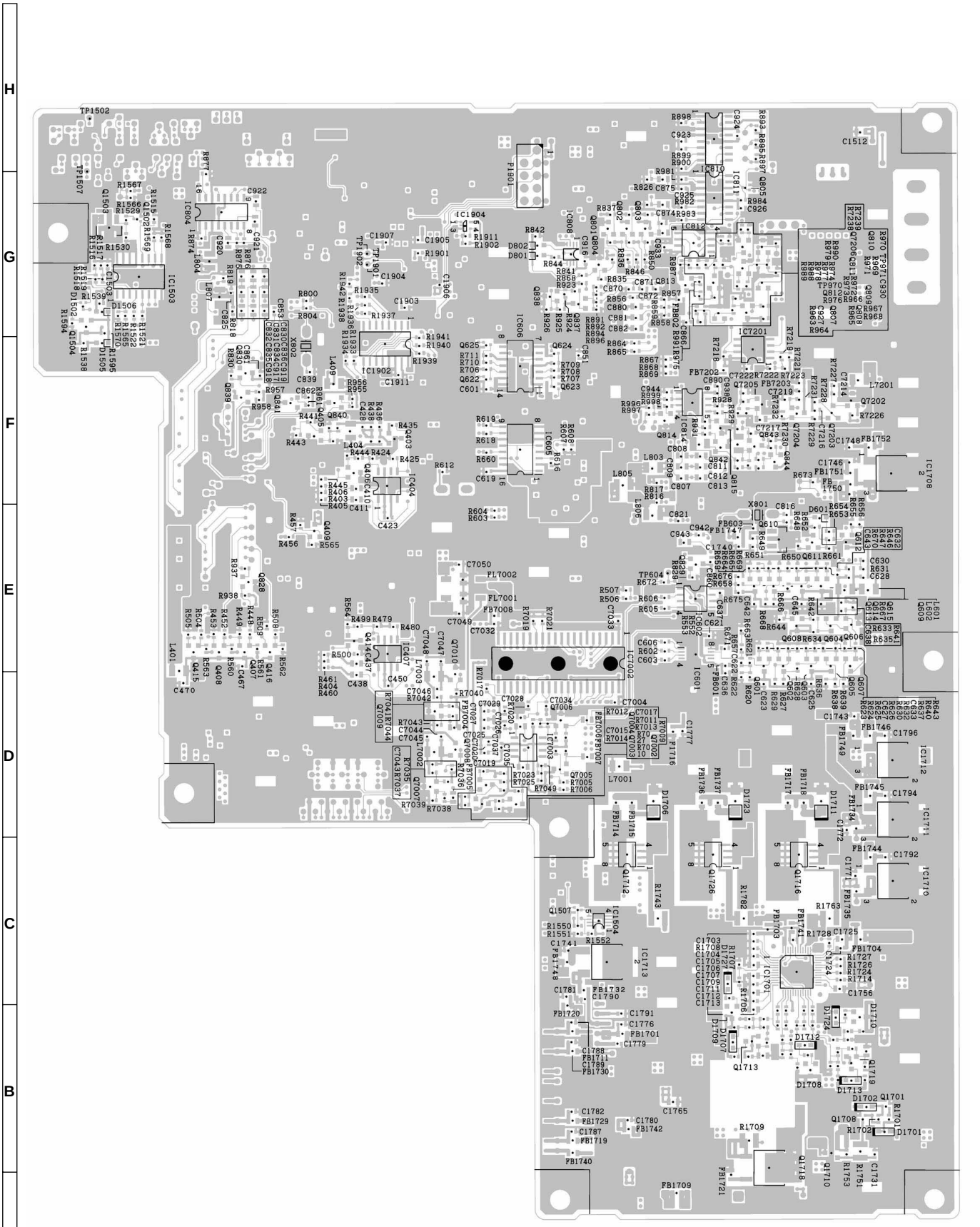


10	11	12	13	14	15	16	17	18	19

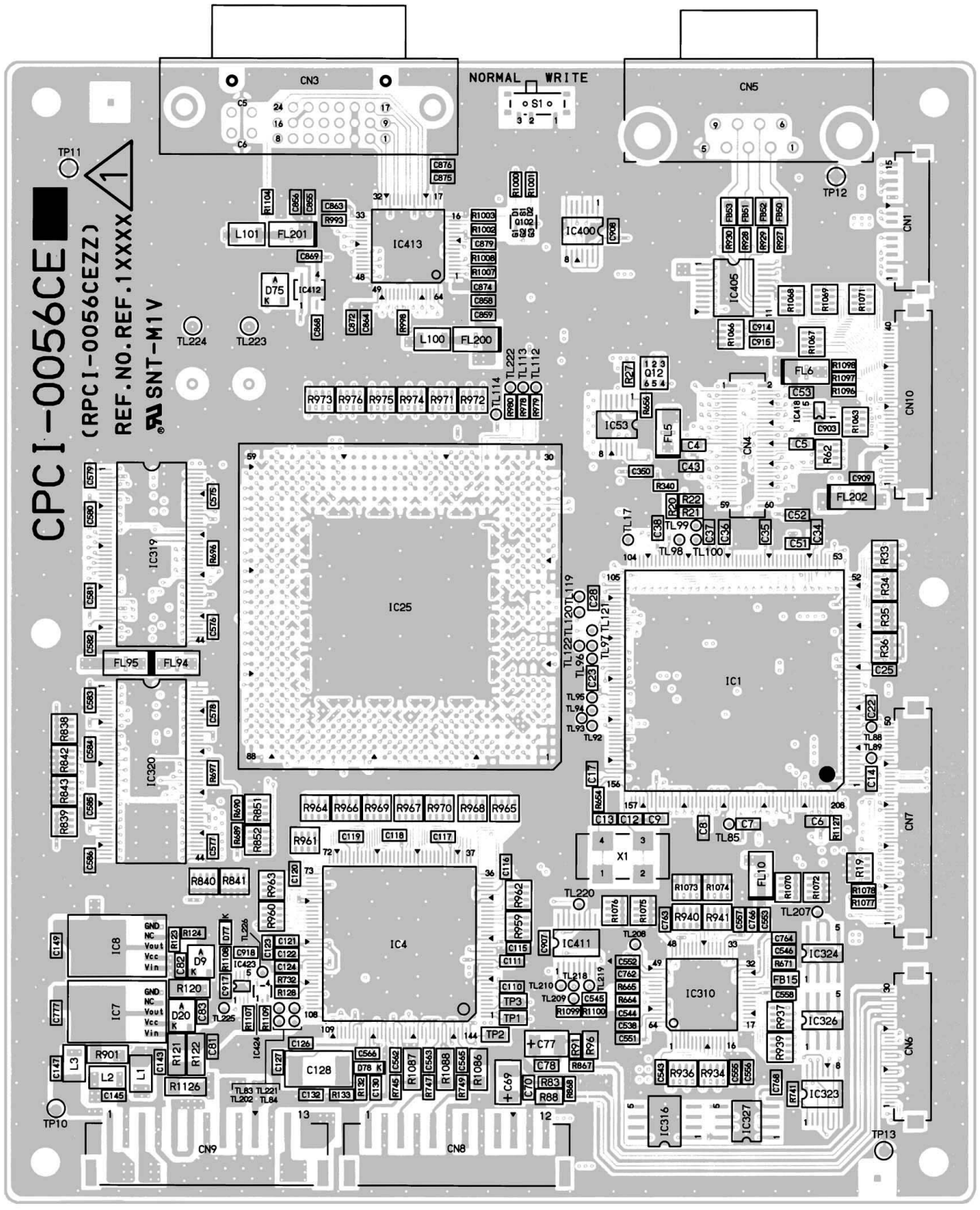
PRINTED WIRING BOARD DIAGRAM



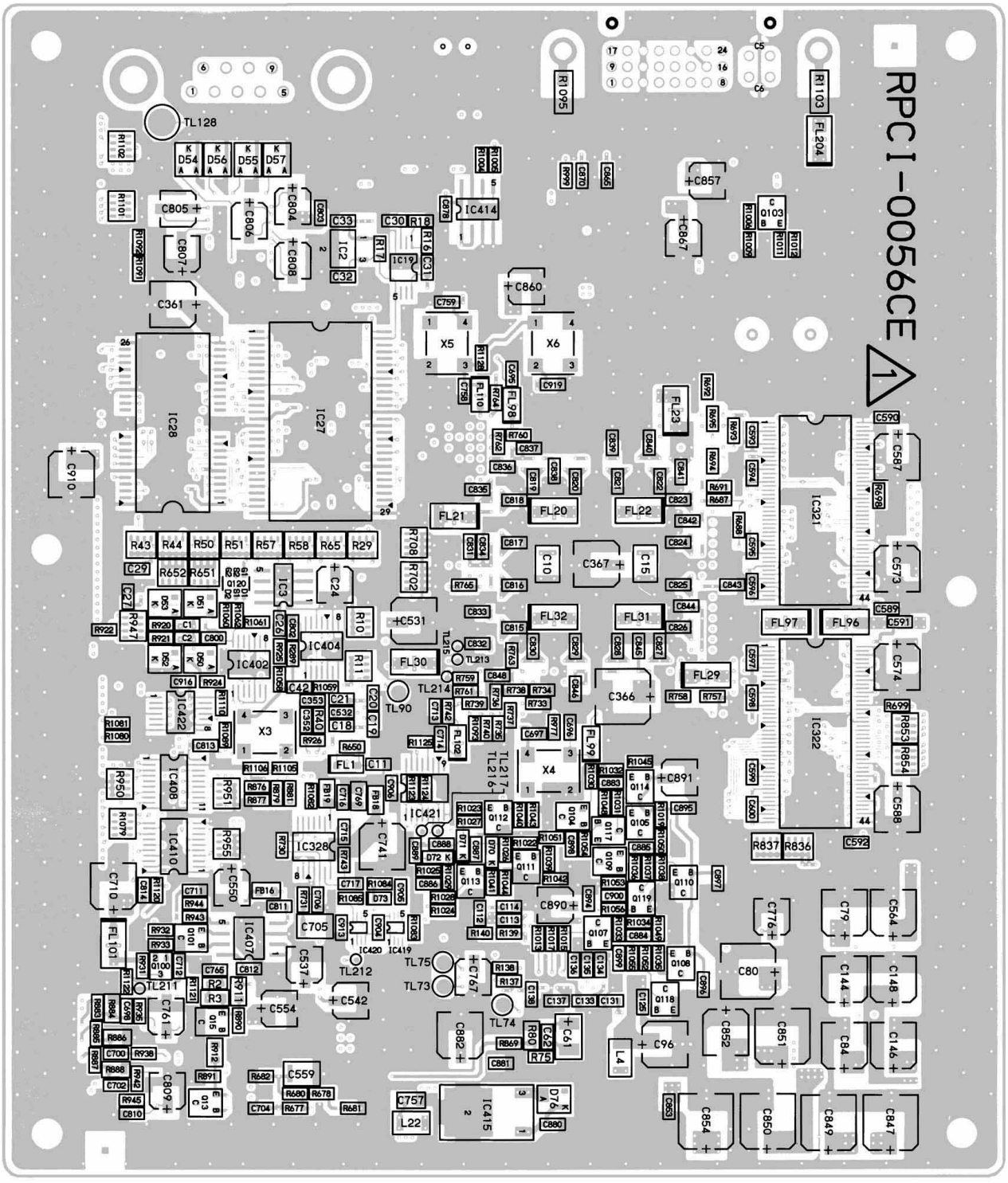
MAIN Unit (A-Side)



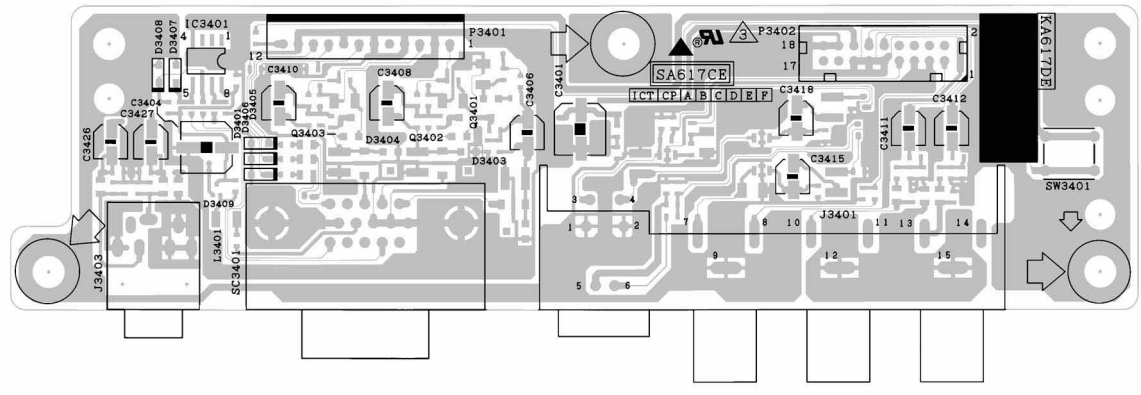
MAIN Unit (B-Side)



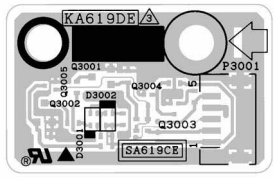
PC I/F Unit (A-Side)



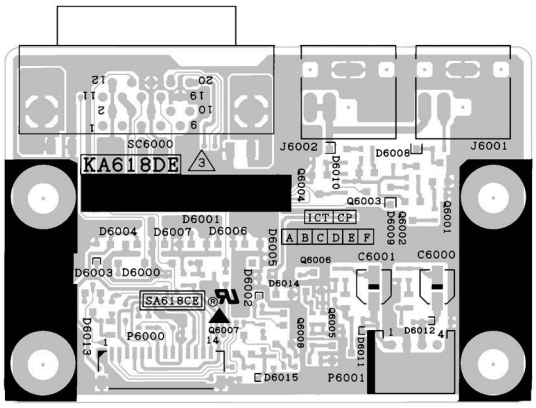
PC I/F Unit (B-Side)



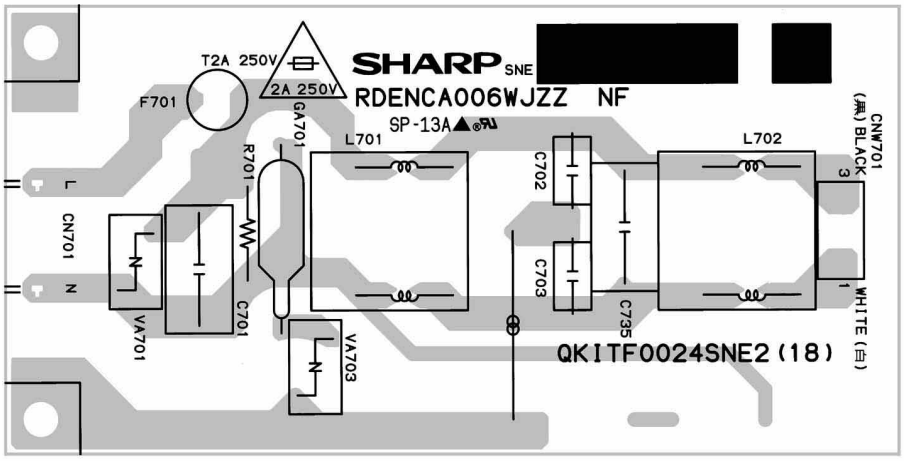
FRONT Unit (Component Side)



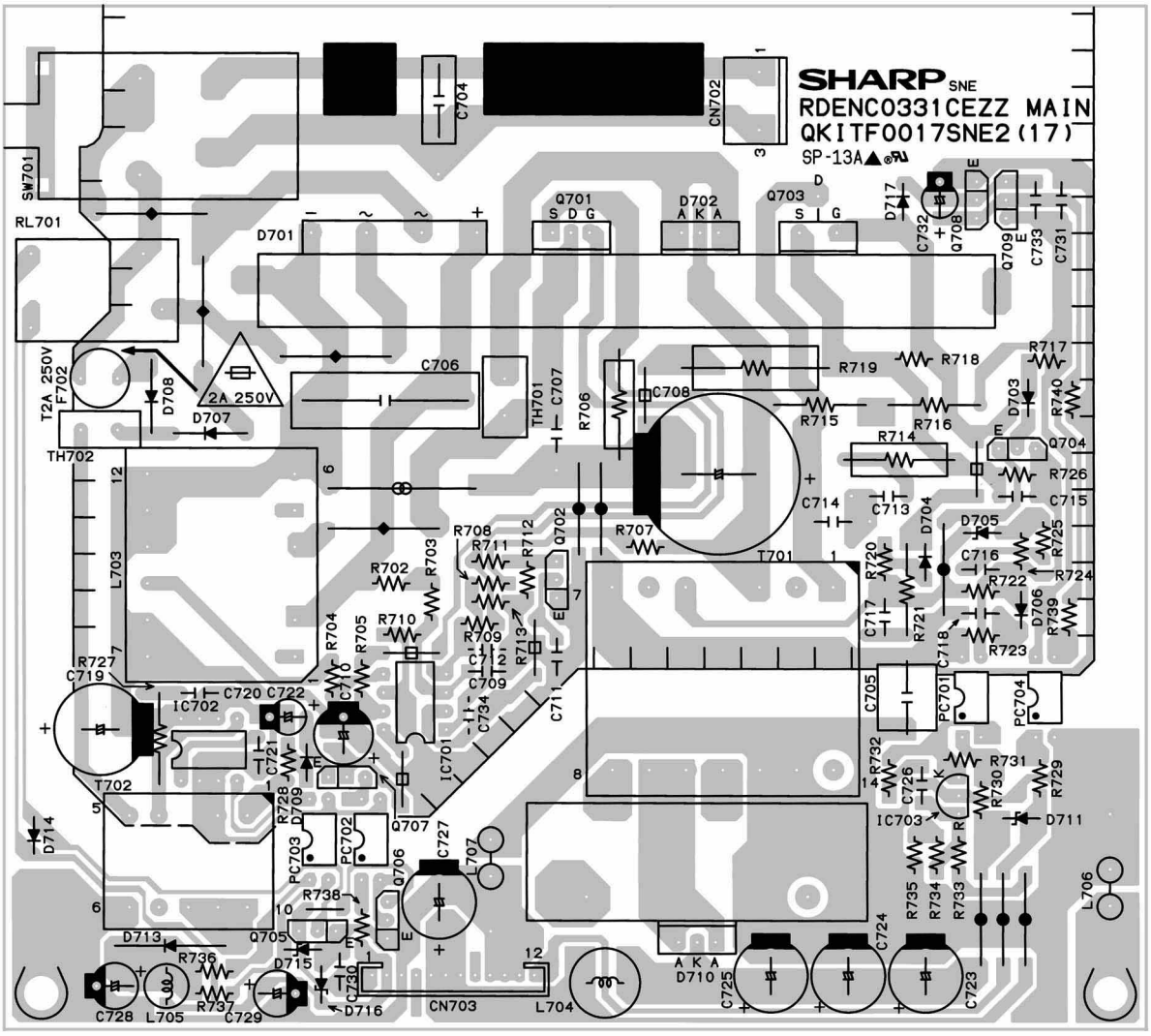
LED Unit (Component Side)



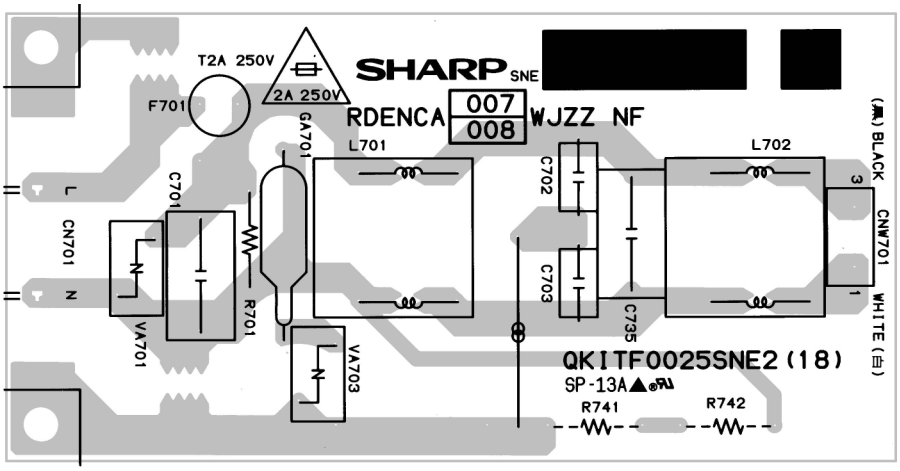
SR Unit (Component Side)



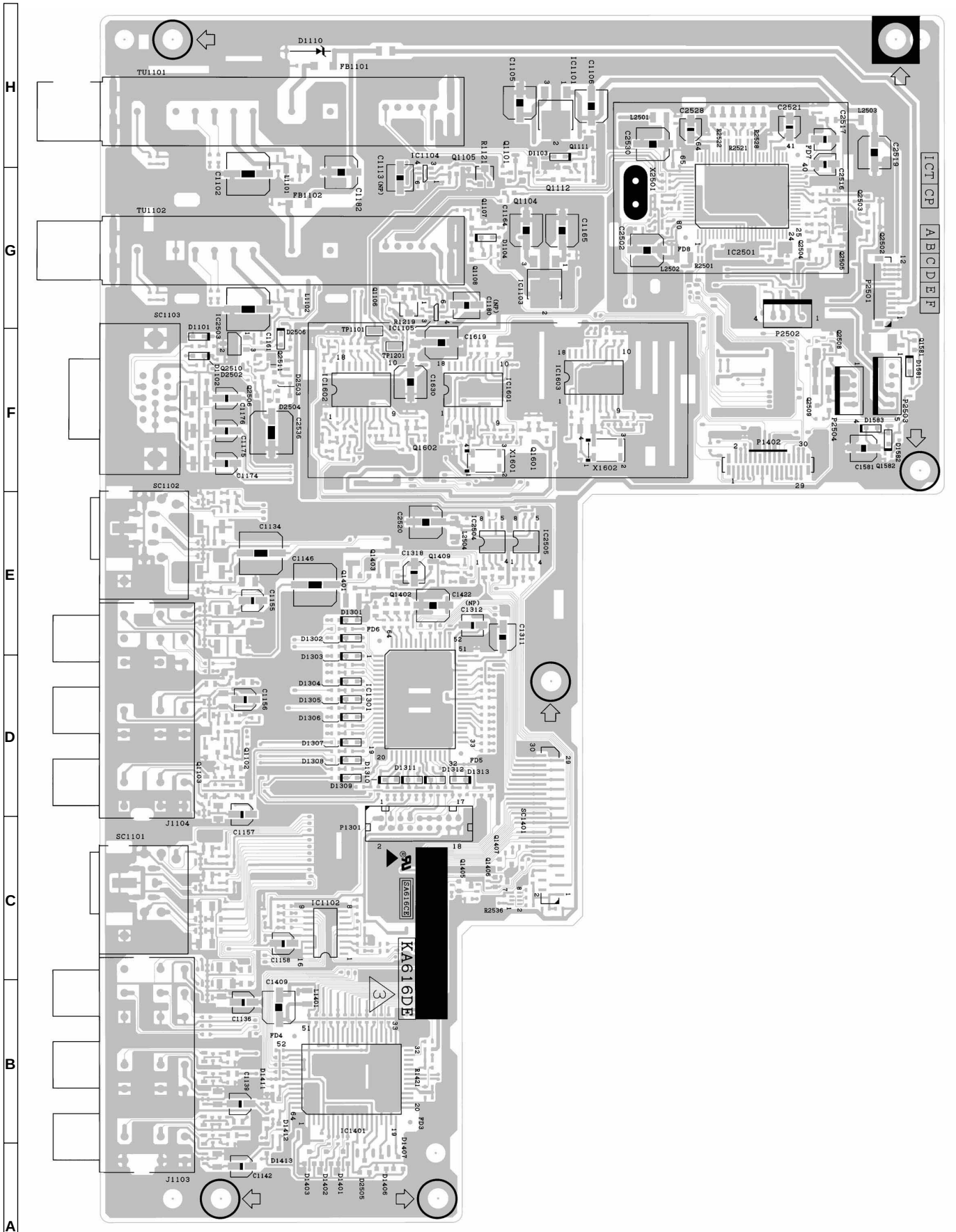
EMC Unit (Component Side)
(PZ-MR2T)



POWER Unit (Component Side)



EMC Unit (Component Side)
(PZ-43MR2U, PZ-50MR2U)



AV Unit (Component Side)

PARTS LIST

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual ; electrical components having such features are identified by ⚠ and shaded areas in the Replacement Parts Lists and Schematic Diagrams. The use of a substitute replacement part which does no have the same safety characteristic as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION

in USA: Contact your nearest SHARP Parts Distributor to order. For location of SHARP Parts Distributor, Please call Toll-Free; 1-800-BE-SHARP

★ MARK: SPARE PARTS-DELIVERY SECTION

▲ MARK: X-RAY RELATED PARTS

Ref. No.	Part No.	★	Description	Code

PRINTED WIRING BOARD ASSEMBLIES
(NOT REPLACEMENT ITEM)

PZ-43MR2U

DUNTKA535FE10	–	MAIN Unit	—
DUNTKA616DE03	–	AV Unit	—
DUNTKA617DE03	–	FRONT Unit	—
DUNTKA618DE03	–	SR Unit	—
DUNTKA619DE03	–	LED Unit	—
RDENCA007WJN1	–	EMC Unit	—
RDENC0331CEZZ	–	POWER Unit	—
CPCi-0056CE15	–	PC I/F Unit	—

PZ-50MR2U

DUNTKA535FE08	–	MAIN Unit	—
DUNTKA616DE02	–	AV Unit	—
DUNTKA617DE02	–	FRONT Unit	—
DUNTKA618DE02	–	SR Unit	—
DUNTKA619DE02	–	LED Unit	—
RDENCA007WJN1	–	EMC Unit	—
RDENC0331CEZZ	–	POWER Unit	—
CPCi-0056CE15	–	PC I/F Unit	—

PZ-MR2T

DUNTKA535FE16	–	MAIN Unit	—
DUNTKA616DE04	–	AV Unit	—
DUNTKA617DE04	–	FRONT Unit	—
DUNTKA618DE04	–	SR Unit	—
DUNTKA619DE04	–	LED Unit	—
RDENCA006WJZZ	–	EMC Unit	—
RDENC0331CEZZ	–	POWER Unit	—
CPCi-0056CE15	–	PC I/F Unit	—

LISTE DES PIECES

CHANGE DES PIECES

Les pi`eces de rechange qui pr élelesentent ces caract éleristiques sp éleciales de s élecurit éle, sont identifi élees dans ce manuel : les pi`eces élelectriques qui pr élesentent ces particularit éles, sont rep éler élee par la marque ⚠ et sont hachur élees dans les listes de pi`eces et dans les diagrammes sch élematiques.
La substitution d'une pi`ece de rechange par une autre qui ne pr éLesente pas les m éoemes caract éLeristiques de s élecurit éle que la pi`ece recommand élee parl'usine et dans ce manuel de service, peut provoquer une éLelectrocution, un incendie ou toutautre sinistre.

"COMMENT COMMANDER LES PIECES DE RECHANGE"

Pour que votre commande soit rapidement et correctement remplie, veuillez fournir les renseignements suivants.

1. NUMERO DU MODELE
2. NO. DE REF
3. NO. DE PIECE
4. DESCRIPTION

in CANADA: Contact SHARP Electronics of Canada Limited
Phone (416) 890-2100

★ MARQUE: SECTION LIVRAISON DES PIECES DERECHANGE

▲ MARQUE: PIECES RELATIVE AUX RAYONS X

Ref. No.	Part No.	★	Description	Code

DUNTKA535FE10 (PZ-43MR2U)
DUNTKA535FE08 (PZ-50MR2U)
DUNTKA535FE16 (PZ-MR2T)
MAIN UNIT

INTEGRATED CIRCUITS

IC402	VHiCXD2093Q-1Q	J	CXD2093Q	AU
IC403	VHiM62320FP-1	J	M62320FP	AK
IC404	VHiML6428C1-1Y	J	Ml6428	AP
IC604	VHiTA1318AF-1Y	J	TA1318AF	AS
IC801	VHiTB1274AF-1Q	J	TB1274AF	AY
IC802	VHiTB1274AF-1Q	J	TB1274AF	AY
IC803	VHiCXA2101Q-1	J	CXA2101AQ-Tl	BE
IC804	RH-iX3473CEZZ	J	Ml6426CS-1	AW
IC807	VHiTC7W34U/-1Y	J	TC7W34FU	AE
IC808	VHiTC7W34U/-1Y	J	TC7W34FU	AE
IC810	RH-iX3473CEZZ	J	Ml6426CS-1	AW
IC811	RH-iX3474CEZZ	J	Ml6426CS-4	AW
IC812	VHiNJM353M/-1	J	NJM353M	AG
IC814	VHiBA7655AF-1	J	BA7655AF	AG
IC1502	VHiM62393FP-1	J	M62393FP	AK
IC1503	VHiM62320FP-1	J	M62320FP	AK
IC1504	VHiTC7W53U/-1	J	TC7W53FU	AF
IC1701	VHiFA3675F/-1	J	FA3675F	AR
IC1704	VHiBA09T/FP-1	J	BA09FP-E2	AG
IC1706	VHiBA08FP++-1Y	J	BA08FP	AF
IC1708	VHiBA05FP++-1Y	J	BA05FP	AF
IC1709	VHiBA05FP++-1Y	J	BA05FP	AF
IC1710	VHiBA05FP++-1Y	J	BA05FP	AF
IC1711	VHiBA05FP++-1Y	J	BA05FP	AF
IC1712	VHiBA05FP++-1Y	J	BA05FP	AF
IC1713	VHiBA12FP++-1Y	J	BA12FP-E2	AF
IC1901	RH-iXA194WJZZQ	J	I.C.	AU
IC1902	VHiM62320FP-1	J	M62320FP	AK
IC1903	VHiTC7W34U/-1Y	J	TC7W34FU	AE
IC7001	VHiPD64082/-1	J	UPD64082GF-3BA	BC
IC7002	RH-iX3152CEZZ	J	MSM514265C50JS	AT
IC7003	VHiML6428C1-1Y	J	ML6428	AP
IC7004	VHiBA033FP/-1	J	BA033FP-E2	AG
IC7005	VHiPST600iM-1	J	PST600IMT	AE
IC7200	RH-iX3289CEZZ	J	IX3289CE	AQ

DUNTKA535FE10 (PZ-43MR2U)
DUNTKA535FE08 (PZ-50MR2U)
DUNTKA535FE16 (PZ-MR2T)
MAIN UNIT (Continued)

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q403	VS2SA1530AR-1	J	2SA1530AR	AB
Q405	VS2SA1530AR-1	J	2SA1530AR	AB
Q406	VS2SC3928AR-1	J	2SC3928AR	AB
Q407	VS2SC3928AR-1	J	2SC3928AR	AB
Q408	VS2SC3928AR-1	J	2SC3928AR	AB
Q424	VS2SA1530AR-1	J	2SA1530AR	AB
Q425	VS2SA1530AR-1	J	2SA1530AR	AB
Q601	VS2SC3928AR-1	J	2SC3928AR	AB
Q602	VS2SC3928AR-1	J	2SC3928AR	AB
Q603	VS2SC3928AR-1	J	2SC3928AR	AB
Q604	VS2SC3928AR-1	J	2SC3928AR	AB
Q605	VS2SC3928AR-1	J	2SC3928AR	AB
Q606	VS2SC3928AR-1	J	2SC3928AR	AB
Q607	VS2SC3928AR-1	J	2SC3928AR	AB
Q608	VS2SC3928AR-1	J	2SC3928AR	AB
Q609	VS2SC3928AR-1	J	2SC3928AR	AB
Q610	VS2SK1467//-1	J	2SK1467	AE
Q611	VS2SC3928AR-1	J	2SC3928AR	AB
Q612	VS2SC3928AR-1	J	2SC3928AR	AB
Q613	VS2SC3928AR-1	J	2SC3928AR	AB
Q614	VS2SC3928AR-1	J	2SC3928AR	AB
Q615	VS2SC3928AR-1	J	2SC3928AR	AB
Q616	VS2SC3928AR-1	J	2SC3928AR	AB
Q617	VS2SA1530AR-1	J	2SA1530AR	AB
Q801	VS2SA1530AR-1	J	2SA1530AR	AB
Q802	VS2SA1530AR-1	J	2SA1530AR	AB
Q803	VS2SA1530AR-1	J	2SA1530AR	AB
Q804	VS2SA1530AR-1	J	2SA1530AR	AB
Q805	VSDTC144EE/-1	J	DTC144EE	AA
Q807	VS2SC3928AR-1	J	2SC3928AR	AB
Q808	VS2SA1530AR-1	J	2SA1530AR	AB
Q809	VS2SC3928AR-1	J	2SC3928AR	AB
Q810	VS2SA1530AR-1	J	2SA1530AR	AB
Q811	VS2SA1530AR-1	J	2SA1530AR	AB
Q812	VS2SA1530AR-1	J	2SA1530AR	AB
Q813	VSDTC124EKA-1	J	DTC124EKA	AB
Q814	VS2SA1530AR-1	J	2SA1530AR	AB
Q815	VS2SA1530AR-1	J	2SA1530AR	AB
Q818	VS2SA1530AR-1	J	2SA1530AR	AB
Q819	VS2SA1530AR-1	J	2SA1530AR	AB
Q820	VS2SA1530AR-1	J	2SA1530AR	AB
Q821	VS2SC2735//1E	J	2SC2735	AC
Q822	VS2SC2735//1E	J	2SC2735	AC
Q823	VS2SC2735//1E	J	2SC2735	AC
Q824	VS2SA1530AR-1	J	2SA1530AR	AB
Q825	VS2SA1530AR-1	J	2SA1530AR	AB
Q826	VS2SA1530AR-1	J	2SA1530AR	AB
Q827	VS2SA1530AR-1	J	2SA1530AR	AB
Q828	VS2SA1530AR-1	J	2SA1530AR	AB
Q830	VS2SC3928AR-1	J	2SC3928AR	AB
Q837	VS2SC3928AR-1	J	2SC3928AR	AB
Q838	VS2SA1530AR-1	J	2SA1530AR	AB
Q839	VS2SC2735//1E	J	2SC2735	AC
Q840	VS2SC2735//1E	J	2SC2735	AC
Q841	VS2SC2735//1E	J	2SC2735	AC
Q842	VS2SC3928AR-1	J	2SC3928AR	AB
Q843	VS2SC3928AR-1	J	2SC3928AR	AB
Q844	VS2SC3928AR-1	J	2SC3928AR	AB
Q1502	VSDTC144EE/-1	J	DTC144EE	AA
Q1503	VS2SB1132Q/-1	J	2SB1132Q	AC
Q1504	VS2SC3928AR-1	J	2SC3928AR	AB
Q1507	VSDTC144EE/-1	J	DTC144EE	AA
Q1508	VSDTA124EKA-1	J	DTA124EKA	AB
Q1509	VSDTC124EKA-1	J	DTC124EKA	AB
Q1510	VSDTA124EKA-1	J	DTA124EKA	AB
Q1511	VSDTC124EKA-1	J	DTC124EKA	AB
Q1512	VSDTA124EKA-1	J	DTA124EKA	AB
Q1513	VSDTC124EKA-1	J	DTC124EKA	AB
Q1701	VSDTC114EE/-1	J	DTC114EE	AB
Q1708	VSDTC114EE/-1	J	DTC114EE	AB
Q1710	VSFMMT718//-1	J	FMMT718	AE
Q1712	VSGF4435+++-1Y	J	GF4435+++	AF
Q1716	VSGF4435+++-1Y	J	GF4435+++	AF
Q1718	VS2SK2503//-1	J	2SK2503	AE
Q1719	VS2SC3928AR-1	J	2SC3928AR	AB
Q1726	VSGF4435+++-1Y	J	GF4435+++	AF
Q7001	VS2SA1530AR-1	J	2SA1530AR	AB
Q7002	VS2SC3928AR-1	J	2SC3928AR	AB
Q7003	VS2SA1530AR-1	J	2SA1530AR	AB
Q7004	VS2SC3928AR-1	J	2SC3928AR	AB
Q7005	VS2SA1530AR-1	J	2SA1530AR	AB
Q7006	VS2SA1530AR-1	J	2SA1530AR	AB
Q7007	VS2SA1530AR-1	J	2SA1530AR	AB
Q7008	VS2SA1530AR-1	J	2SA1530AR	AB
Q7009	VS2SA1530AR-1	J	2SA1530AR	AB
Q7010	VS2SA1530AR-1	J	2SA1530AR	AB
Q7201	VS2SC3928AR-1	J	2SC3928AR	AB
Q7206	VS2SC3928AR-1	J	2SC3928AR	AB

DIODES

Ref. No.	Part No.	★	Description	Code
D601	VHD1SS355//-1	J	Diode	AB
D801	VHD1SS355//-1	J	Diode	AB
D802	VHD1SS355//-1	J	Diode	AB
D1502	VHDDAN222//-1	J	Diode	AA
D1503	VHDDAN222//-1	J	Diode	AA
D1504	VHDDAN222//-1	J	Diode	AA
D1505	VHD1SS355//-1	J	Diode	AB
D1506	VHD1SS355//-1	J	Diode	AB
D1701	VHDHSU119//-1	J	Diode	AB
D1702	VHDHSU119//-1	J	Diode	AB
D1706	VHDSFPB74//2E	J	Diode	AD
D1708	RH-EX0501CEZZY	J	Zener Diode	AB
D1709	RH-EX0501CEZZY	J	Zener Diode	AB
D1710	RH-EX0523CEZZ	J	Zener Diode	AB
D1711	VHDSFPB74//2E	J	Diode	AD
D1712	VHDHSU119//-1	J	Diode	AB
D1713	VHDHSU119//-1	J	Diode	AB
D1715	VHDSFPB56//2E	J	Diode	AC
D1716	VHD1SS250//1E	J	Diode	AB
D1717	VHDSFPB76//2E	J	Diode	AD
D1719	VHDSFPB76//2E	J	Diode	AD
D1720	VHDSFPB76//2E	J	Diode	AD
D1723	VHDSFPB74//2E	J	Diode	AD
D1724	VHDHSU119//-1	J	Diode	AB
D1727	VHDHSU119//-1	J	Diode	AB
D7201	VHDDAN222//-1	J	Diode	AA
D7202	VHDDAN222//-1	J	Diode	AA

PACKAGED CIRCUITS

Ref. No.	Part No.	★	Description	Code
X601	RFiLA0034CEZZ	J	Filter	AD
X801	RCRSB0244CEZZ	J	Crystal	AH
X802	RCRSB0244CEZZ	J	Crystal	AH
X1901	RCRSZ0093CEZZY	J	Crystal	AM
X7001	RCRSC0026CEZZY	J	Crystal	AG

FILTERS AND COILS

Ref. No.	Part No.	★	Description	Code
CF7201	RFiLA0098CEZZ	J	Ceramic Filter	AD
FL7001	RFiLN0097GEZZ	J	Filter	AF
FL7002	RFiLN0097GEZZ	J	Filter	AF
FL7003	RFiLN0079GEZZ	J	Filter	AC
FL7004	RFiLN0079GEZZ	J	Filter	AC
L401	VP-1M4R7J1R2N	J	Peaking 4.7µH	AB
L404	VP-1M270J3R8N	J	Peaking 27µH	AC
L407	VP-1M220J2R9N	J	Peaking 22µH	AC
L409	VP-1M4R7J1R2N	J	Peaking 4.7µH	AB
L601	VP-1M120J1R9N	J	Peaking 12µH	AC
L602	VP-1M6R8J1R4N	J	Peaking 6.8µH	AC
L603	VP-1M470J5R4N	J	Peaking 47µH	AC
L604	VP-1M6R8J1R4N	J	Peaking 6.8µH	AC
L605	VP-1M5R6J1R2NY	J	Peaking 5.6µH	AB
L606	VP-1M8R2J1R5N	J	Peaking 8.2µH	AC
L801	VP-1M4R7J1R2N	J	Peaking 4.7µH	AB
L802	VP-1M4R7J1R2N	J	Peaking 4.7µH	AB
L803	VP-1M4R7J1R2N	J	Peaking 4.7µH	AB

DUNTKA535FE10 (PZ-43MR2U)
DUNTKA535FE08 (PZ-50MR2U)
DUNTKA535FE16 (PZ-MR2T)
MAIN UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
L804	VP-1M4R7J1R2N	J	Peaking 4.7µH	AB
L805	VP-1M4R7J1R2N	J	Peaking 4.7µH	AB
L806	VP-1M4R7J1R2N	J	Peaking 4.7µH	AB
L807	VP-1M4R7J1R2N	J	Peaking 4.7µH	AB
L1708	RCiLC0175CEZZY	J	Coil	AG
L1710	RCiLC0175CEZZY	J	Coil	AG
L1711	RCiLC0130CEZZ	J	Coil	AG
L1712	RCiLP0159GEZZ	J	Coil	AD
L1718	RCiLC0170CEZZY	J	Coil	AG
L1719	RCiLP0159GEZZ	J	Coil	AD
L1720	RCiLP0159GEZZ	J	Coil	AD
L1721	RCiLP0160GEZZ	J	Coil	AD
L1722	RCiLP0166GEZZY	J	Coil	AF
L7001	VP-1M4R7J1R2N	J	Peaking 4.7µH	AB
L7002	VP-1M220J2R9N	J	Peaking 22µH	AC
L7003	VP-1M220J2R9N	J	Peaking 22µH	AC

TRANSFORMER

T1701	RTRNZ0802CEZZY	J	Transformer	AM

CAPACITORS

[El. …Electrolytic]

C403	VCEAPF0JW226M	J	22	6.3V	EL.	AB
C404	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C405	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C406	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C407	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C408	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C409	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C410	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C411	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C412	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C413	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C414	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C415	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C416	VCEAPF0JN107M	J	100	6.3V	EL.	AD
C417	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C418	VCKYCY1HF223Z	J	0.022	50V	Ceramic	AB
C419	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C420	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C421	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C422	VCEAPW1CN107M	J	100	16V	EL.	AE
C423	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C427	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C428	VCCCCY1HH560J	J	56p	50V	Ceramic	AA
C429	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C452	VCEAPF0JN107M	J	100	6.3V	EL.	AD
C460	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C461	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C462	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C466	VCEAPW1CN107M	J	100	16V	EL.	AE
C467	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C468	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C614	VCEAPF1HN105M	J	1.0	50V	EL.	AD
C615	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C616	VCEAPF1HW105M	J	1.0	50V	EL.	AB
C617	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C618	RC-EZ0538CEZZ	J	330	16V	EL.	AE
C620	VCEASH0JN227MY	J	220	6.3V	EL.	AC
C622	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C623	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C624	VCEAPF1CW476M	J	47	16V	EL.	AC
C625	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C626	VCEAPF1CW476M	J	47	16V	EL.	AC
C627	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C628	VCCCCY1HH221J	J	220p	50V	Ceramic	AA
C629	VCCCCY1HH821JY	J	820p	50V	Ceramic	AB
C630	VCKYCY1HB392K	J	3900p	50V	Ceramic	AA
C631	VCKYCY1HB122K	J	1200p	50V	Ceramic	AA
C632	VCCCCY1HH121J	J	120p	50V	Ceramic	AA
C633	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C634	VCEAPF1CW226M	J	22	16V	EL.	AB
C635	VCEAPF1CW106M	J	10	16V	EL.	AB
C636	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C638	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C639	VCEAPF1CW106M	J	10	16V	EL.	AB
C640	VCEAPF1CW106M	J	10	16V	EL.	AB
C641	VCEAPF1CW226M	J	22	16V	EL.	AB
C642	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C643	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C644	VCEAPF1CW476M	J	47	16V	EL.	AC
C645	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C646	VCEAPF1HW475M	J	4.7	50V	EL.	AB
C647	VCEAPF1AW336M	J	33	10V	EL.	AC
C648	VCEAPF1CW107M	J	100	16V	EL.	AD
C649	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C650	VCCCCY1HH151J	J	150p	50V	Ceramic	AA
C651	VCCCCY1HH121J	J	120p	50V	Ceramic	AA
C652	VCCCCY1HH271J	J	270p	50V	Ceramic	AA
C653	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C654	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C801	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C802	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C803	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C804	VCEAPF0JN107M	J	100	6.3V	EL.	AD
C805	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C807	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C808	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C809	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C810	VCEAPF1EN475M	J	4.7	25V	EL.	AC
C811	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C812	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C813	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C814	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C815	VCAAPF0JJ107MY	J	100	6.3V	EL.	AF
C816	VCCCCY1HH9R0D	J	9.0p	50V	Ceramic	AA
C817	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C818	VCEAPF1HN474M	J	0.47	50V	EL.	AD
C819	VCEAPF1HN225M	J	2.2	50V	EL.	AD
C820	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C821	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C822	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C823	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C824	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C825	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C826	VCEAPF0JN107M	J	100	6.3V	EL.	AD
C827	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C828	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C829	VCEAPF1CN106M	J	10	16V	EL.	AD
C830	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C831	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C832	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C833	VCEAPF1EN475M	J	4.7	25V	EL.	AC
C834	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C835	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C836	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C837	VCAAPF0JJ107MY	J	100	6.3V	EL.	AF
C838	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C839	VCCCCY1HH9R0D	J	9.0p	50V	Ceramic	AA
C840	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C841	VCEAPF1HN474M	J	0.47	50V	EL.	AD
C842	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C845	VCEAPF1HN225M	J	2.2	50V	EL.	AD
C846	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C847	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C848	VCEAPF1HN105M	J	1.0	50V	EL.	AD
C849	VCEAPF1HN105M	J	1.0	50V	EL.	AD
C850	VCEAPF1HN105M	J	1.0	50V	EL.	AD
C851	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C852	VCEASK1CN477MY	J	470	16V	EL.	AD
C854	VCEAPF0JW227MY	J	220	6.3V	EL.	AD
C855	VCEAPF0JW227MY	J	220	6.3V	EL.	AD
C856	VCEAPF0JW227MY	J	220	6.3V	EL.	AD
C861	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C866	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA

DUNTKA535FE10 (PZ-43MR2U)
DUNTKA535FE08 (PZ-50MR2U)
DUNTKA535FE16 (PZ-MR2T)
MAIN UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
C868	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C869	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C870	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C871	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C872	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C873	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C874	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C875	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C876	VCKYCY1HB222K	J	2200p	50V	Ceramic	AA
C877	VCKYTV1CB474K	J	0.47	16V	Ceramic	AC
C878	VCKYTV1CB474K	J	0.47	16V	Ceramic	AC
C879	VCEAPF1CN226M	J	22	16V	EL.	AD
C880	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C881	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C882	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C883	VCEAPF1CW226M	J	22	16V	EL.	AB
C884	VCEAPF1CW226M	J	22	16V	EL.	AB
C885	VCEAPF1CW226M	J	22	16V	EL.	AB
C886	VCCCCY1HH390J	J	39p	50V	Ceramic	AA
C887	VCEAPF1CN106M	J	10	16V	EL.	AD
C888	VCKYTV1CB474K	J	0.47	16V	Ceramic	AC
C890	RC-KZ1025CEZZ	J	1.0	10V	Ceramic	AB
C891	VCEAPF0JN476M	J	47	6.3V	EL.	AD
C892	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C893	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C894	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C895	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C896	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C897	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C898	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C899	VCEAPF0JN476M	J	47	6.3V	EL.	AD
C900	VCEAPF0JN107M	J	100	6.3V	EL.	AD
C901	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C902	VCEAPF1HN105M	J	1.0	50V	EL.	AD
C903	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C912	VCEAPF1HN474M	J	0.47	50V	EL.	AD
C913	VCEAPF1HN474M	J	0.47	50V	EL.	AD
C914	VCAAPF1CJ396MY	J	39	16V	EL.	AF
C915	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C916	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C917	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C918	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C919	VCKYTV1EB104K	J	0.1	25V	Ceramic	AB
C920	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C921	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C922	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C923	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C924	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C925	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C926	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C927	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C928	VCEAPF1CN476M	J	47	16V	EL.	AD
C929	VCEAPF1CN476M	J	47	16V	EL.	AD
C930	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C931	VCEAPF1CN106M	J	10	16V	EL.	AD
C932	VCEAPF1CN106M	J	10	16V	EL.	AD
C933	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C934	VCEAPF1CN226M	J	22	16V	EL.	AD
C935	VCEASH0JN227MY	J	220	6.3V	EL.	AC
C936	VCEAPF1CN106M	J	10	16V	EL.	AD
C937	VCEAPF1CN106M	J	10	16V	EL.	AD
C938	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C944	RC-KZ1025CEZZ	J	1.0	10V	Ceramic	AB
C950	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C951	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C952	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C953	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C954	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1502	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1503	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1504	VCEAPF0JN107M	J	100	6.3V	EL.	AD
C1505	VCEAPF1CW476M	J	47	16V	EL.	AC
C1506	VCEAPF1CW476M	J	47	16V	EL.	AC
C1511	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1512	VCKYTV1CF105Z	J	1.0	16V	Ceramic	AB
C1701	VCEASH1CN337MY	J	330	16V	EL.	AE
C1702	VCEAPF1CW226M	J	22	16V	EL.	AB
C1703	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1704	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C1705	VCKYCY1CF474Z	J	0.47	16V	Ceramic	AB
C1706	VCKYTV1CF105Z	J	1.0	16V	Ceramic	AB
C1707	VCKYTV1CF224Z	J	0.22	16V	Ceramic	AB
C1709	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1711	VCKYTV1CF104Z	J	0.1	16V	Ceramic	AA
C1712	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1713	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C1714	VCKYCY1HB222K	J	2200p	50V	Ceramic	AA
C1715	VCKYCY1HB222K	J	2200p	50V	Ceramic	AA
C1717	VCKYCY1CF334Z	J	0.33	16V	Ceramic	AA
C1718	VCEAPF1CN107M	J	100	16V	EL.	AD
C1719	VCKYCY1HB222K	J	2200p	50V	Ceramic	AA
C1720	VCKYCY1HB222K	J	2200p	50V	Ceramic	AA
C1721	VCKYCY1CF334Z	J	0.33	16V	Ceramic	AA
C1722	VCEAPF1CN107M	J	100	16V	EL.	AD
C1724	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1725	VCKYTV1CF105Z	J	1.0	16V	Ceramic	AB
C1727	VCAAPF1CJ396MY	J	39	16V	EL.	AF
C1728	VCAAPF1CJ826MY	J	82	16V	EL.	AG
C1729	VCAAPF0JJ227MY	J	220	6.3V	EL.	AG
C1731	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1732	VCEASK1CN477MY	J	470	16V	EL.	AD
C1733	VCKYCY1CF334Z	J	0.33	16V	Ceramic	AA
C1734	VCEAPF1CN107M	J	100	16V	EL.	AD
C1735	VCEASK1CN477MY	J	470	16V	EL.	AD
C1736	VCAAPF1CJ396M	J	39	16V	EL.	AF
C1737	VCAAPF1CJ826MY	J	82	16V	EL.	AG
C1738	VCAAPF0GJ337M	J	330	4.0V	EL.	AG
C1740	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C1741	VCKYCY1CF334Z	J	0.33	16V	Ceramic	AA
C1742	VCEAPF1CN107M	J	100	16V	EL.	AD
C1743	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C1744	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C1745	VCKYTV1CF105Z	J	1.0	16V	Ceramic	AB
C1746	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C1748	VCKYCY1CF334Z	J	0.33	16V	Ceramic	AA
C1749	VCEAPF1CN107M	J	100	16V	EL.	AD
C1750	VCEASH1CN337MY	J	330	16V	EL.	AE
C1751	VCKYCY1HB562K	J	5600p	50V	Ceramic	AA
C1752	VCAAPF1CJ826MY	J	82	16V	EL.	AG
C1753	VCKYCY1HB562K	J	5600p	50V	Ceramic	AA
C1754	VCEASH1HN107MY	J	100	50V	EL.	AD
C1755	VCKYTV1HF104Z	J	0.1	50V	Ceramic	AA
C1756	VCKYTV1CF105Z	J	1.0	16V	Ceramic	AB
C1757	VCEASH1CN337MY	J	330	16V	EL.	AE
C1758	VCKYTV1CF105Z	J	1.0	16V	Ceramic	AB
C1759	RC-EZ1339CEZZ	J	220	16V	EL.	AD
C1764	VCEASH1CN337MY	J	330	16V	EL.	AE
C1765	VCKYTV1CF105Z	J	1.0	16V	Ceramic	AB
C1766	RC-EZ1339CEZZ	J	220	16V	EL.	AD
C1767	VCKYTV1CF105Z	J	1.0	16V	Ceramic	AB
C1768	VCEASH1CN337MY	J	330	16V	EL.	AE
C1769	RC-EZ1339CEZZ	J	220	16V	EL.	AD
C1770	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C1771	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C1772	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C1773	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C1774	VCEASK1CN477MY	J	470	16V	EL.	AD
C1775	VCEASK1CN337MY	J	330	16V	EL.	AD
C1776	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C1777	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C1778	VCEAPF0JW107M	J	100	6.3V	EL.	AC
C1779	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1780	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C1781	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C1782	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA

DUNTKA535FE10 (PZ-43MR2U)
DUNTKA535FE08 (PZ-50MR2U)
DUNTKA535FE16 (PZ-MR2T)
MAIN UNIT (Continued)

Ref. No.	Part No.	★	Description			Code
C1783	VCAAPF1CJ396MY	J	39	16V	EL.	AF
C1784	VCAAPF1CJ826M	J	82	16V	EL.	AG
C1785	VCAAPF1AJ157MY	J	150	10V	EL.	AG
C1787	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C1788	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C1789	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C1790	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C1791	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C1792	VCKYCY1CF334Z	J	0.33	16V	Ceramic	AA
C1793	VCEAPF1CN107M	J	100	16V	EL.	AD
C1794	VCKYCY1CF334Z	J	0.33	16V	Ceramic	AA
C1795	VCEAPF1CN107M	J	100	16V	EL.	AD
C1796	VCKYCY1CF334Z	J	0.33	16V	Ceramic	AA
C1797	VCEAPF1CN107M	J	100	16V	EL.	AD
C1798	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C1901	VCEAPF0JW107M	J	100	6.3V	EL.	AC
C1902	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1903	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1904	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1905	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1906	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1907	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1908	VCEAPF0JW107M	J	100	6.3V	EL.	AC
C1909	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1910	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1911	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7001	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C7002	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C7003	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7004	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7005	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7006	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7007	VCCCCY1HH391J	J	390p	50V	Ceramic	AA
C7008	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7009	VCEAPF1CN106M	J	10	16V	EL.	AD
C7010	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7011	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7012	VCEAPF1HN474M	J	0.47	50V	EL.	AD
C7013	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C7014	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7015	VCCCCY1HH471J	J	470p	50V	Ceramic	AA
C7016	VCEAPF1HN334M	J	0.33	50V	EL.	AC
C7017	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7018	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7019	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7020	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7021	VCEAPF1CN106M	J	10	16V	EL.	AD
C7022	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7023	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C7024	VCE9PF1HW105M	J	1.0	50V	EL.(N.P)	AC
C7025	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7026	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7027	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7028	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7029	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7030	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7031	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7032	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7033	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7034	VCCCCY1HH1R0C	J	1.0p	50V	Ceramic	AA
C7035	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C7036	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C7037	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7038	VCAAPF0JJ107MY	J	100	6.3V	EL.	AF
C7041	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7042	VCEAPF1CN476M	J	47	16V	EL.	AD
C7043	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C7044	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C7045	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C7046	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C7047	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C7048	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C7049	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C7050	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C7051	VCEAPF0JN107M	J	100	6.3V	EL.	AD
C7052	RC-EZ0416CEZZ	J	330	6.3V	EL.	AD
C7053	VCEAPF0JN107M	J	100	6.3V	EL.	AD
C7054	VCEAPF0JN107M	J	100	6.3V	EL.	AD
C7055	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7057	VCEAPF0JN107M	J	100	6.3V	EL.	AD
C7058	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7201	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7203	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C7204	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C7205	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C7206	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C7207	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7208	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7209	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7210	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7221	VCEAPF0JW107M	J	100	6.3V	EL.	AC

RESISTORS

[M-Ox. …Metal Oxide]

R403	VRS-CY1JF471F	J	470	1/16W	M-Ox.	AA
R405	VRS-CY1JF221F	J	220	1/16W	M-Ox.	AA
R406	VRS-CY1JF391F	J	390	1/16W	M-Ox.	AA
R409	VRS-CY1JF102F	J	1.0k	1/16W	M-Ox.	AA
R410	VRS-CY1JF272F	J	2.7k	1/16W	M-Ox.	AA
R411	VRS-CY1JF332F	J	3.3k	1/16W	M-Ox.	AA
R412	VRS-CY1JF561J	J	560	1/16W	M-Ox.	AA
R413	VRS-CY1JF563J	J	56k	1/16W	M-Ox.	AA
R414	VRS-CY1JF391J	J	390	1/16W	M-Ox.	AA
R415	VRS-CY1JF391J	J	390	1/16W	M-Ox.	AA
R416	VRS-CY1JF391J	J	390	1/16W	M-Ox.	AA
R420	VRS-CY1JF391J	J	390	1/16W	M-Ox.	AA
R421	VRS-CY1JF391J	J	390	1/16W	M-Ox.	AA
R422	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R423	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R424	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R425	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R435	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R436	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R437	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R439	VRS-CY1JF273J	J	27k	1/16W	M-Ox.	AA
R440	VRS-CY1JF273J	J	27k	1/16W	M-Ox.	AA
R441	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R444	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R445	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R446	VRS-CY1JF331J	J	330	1/16W	M-Ox.	AA
R447	VRS-CY1JF361J	J	360	1/16W	M-Ox.	AA
R448	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R449	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R450	VRS-CY1JF331J	J	330	1/16W	M-Ox.	AA
R451	VRS-CY1JF331J	J	330	1/16W	M-Ox.	AA
R452	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R453	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R454	VRS-CY1JF331J	J	330	1/16W	M-Ox.	AA
R455	VRS-CY1JF391J	J	390	1/16W	M-Ox.	AA
R459	VRS-CY1JF561J	J	560	1/16W	M-Ox.	AA
R481	VRS-CY1JF391J	J	390	1/16W	M-Ox.	AA
R528	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R529	VRS-CY1JF911J	J	910	1/16W	M-Ox.	AA
R530	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R531	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R536	VRS-CY1JF332J	J	3.3k	1/16W	M-Ox.	AA
R607	VRS-CY1JF123J	J	12k	1/16W	M-Ox.	AA
R608	VRS-CY1JF123J	J	12k	1/16W	M-Ox.	AA
R609	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R610	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R611	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R612	VRS-CY1JF391J	J	390	1/16W	M-Ox.	AA
R613	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R614	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R615	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA

DUNTKA535FE10 (PZ-43MR2U)
DUNTKA535FE08 (PZ-50MR2U)
DUNTKA535FE16 (PZ-MR2T)
MAIN UNIT (Continued)

Ref. No.	Part No.	★	Description			Code
R620	VRS-CY1JF332J	J	3.3k	1/16W	M-Ox.	AA
R621	VRS-CY1JF470J	J	47	1/16W	M-Ox.	AA
R622	VRS-CY1JF332J	J	3.3k	1/16W	M-Ox.	AA
R623	VRS-CY1JF331J	J	330	1/16W	M-Ox.	AA
R624	VRS-CY1JF471F	J	470	1/16W	M-Ox.	AA
R625	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
R626	VRS-CY1JF332J	J	3.3k	1/16W	M-Ox.	AA
R627	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R628	VRS-CY1JF470J	J	47	1/16W	M-Ox.	AA
R629	VRS-CY1JF332J	J	3.3k	1/16W	M-Ox.	AA
R630	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R631	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R632	VRS-CY1JF331J	J	330	1/16W	M-Ox.	AA
R633	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R634	VRS-CY1JF182J	J	1.8k	1/16W	M-Ox.	AA
R635	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R636	VRS-CY1JF821J	J	820	1/16W	M-Ox.	AA
R637	VRS-CY1JF153J	J	15k	1/16W	M-Ox.	AA
R638	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R639	VRS-CY1JF821J	J	820	1/16W	M-Ox.	AA
R640	VRS-CY1JF182J	J	1.8k	1/16W	M-Ox.	AA
R641	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R642	VRS-CY1JF470J	J	47	1/16W	M-Ox.	AA
R643	VRS-CY1JF681J	J	680	1/16W	M-Ox.	AA
R644	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R646	VRS-CY1JF470J	J	47	1/16W	M-Ox.	AA
R647	VRS-CY1JF331J	J	330	1/16W	M-Ox.	AA
R648	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R649	VRS-CY1JF183J	J	18k	1/16W	M-Ox.	AA
R650	VRS-CY1JF470J	J	47	1/16W	M-Ox.	AA
R651	VRS-CY1JF512J	J	5.1k	1/16W	M-Ox.	AA
R652	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R653	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R654	VRS-CY1JF221J	J	220	1/16W	M-Ox.	AA
R655	VRS-CY1JF153J	J	15k	1/16W	M-Ox.	AA
R656	VRS-CY1JF512J	J	5.1k	1/16W	M-Ox.	AA
R658	VRS-CY1JF470J	J	47	1/16W	M-Ox.	AA
R659	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
R661	VRS-CY1JF681J	J	680	1/16W	M-Ox.	AA
R664	VRS-CY1JF301F	J	300	1/16W	M-Ox.	AA
R665	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
R666	VRS-CY1JF821J	J	820	1/16W	M-Ox.	AA
R667	VRS-CY1JF470J	J	47	1/16W	M-Ox.	AA
R668	VRS-CY1JF332J	J	3.3k	1/16W	M-Ox.	AA
R669	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R670	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R671	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R672	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R675	VRS-CY1JF333J	J	33k	1/16W	M-Ox.	AA
R676	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R677	VRS-CY1JF470J	J	47	1/16W	M-Ox.	AA
R678	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R679	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R680	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R681	VRS-CY1JF331J	J	330	1/16W	M-Ox.	AA
R682	VRS-CY1JF473J	J	47k	1/16W	M-Ox.	AA
R683	VRS-CY1JF183J	J	18k	1/16W	M-Ox.	AA
R684	VRS-CY1JF470J	J	47	1/16W	M-Ox.	AA
R685	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R699	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R800	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R801	VRS-CY1JF561J	J	560	1/16W	M-Ox.	AA
R802	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R803	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R805	VRS-CY1JF273J	J	27k	1/16W	M-Ox.	AA
R807	VRS-CY1JF392J	J	3.9k	1/16W	M-Ox.	AA
R808	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R809	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R811	VRS-CY1JF273J	J	27k	1/16W	M-Ox.	AA
R812	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R813	VRS-CY1JF392J	J	3.9k	1/16W	M-Ox.	AA
R816	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R817	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R818	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R819	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R820	VRS-TQ2BD750J	J	75	1/8W	M-Ox.	AA
R821	VRS-TQ2BD750J	J	75	1/8W	M-Ox.	AA
R822	VRS-TQ2BD750J	J	75	1/8W	M-Ox.	AA
R830	VRS-CY1JF681J	J	680	1/16W	M-Ox.	AA
R831	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R832	VRS-CY1JF473F	J	47k	1/16W	M-Ox.	AA
R833	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R834	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R835	VRS-CY1JF470J	J	47	1/16W	M-Ox.	AA
R836	VRS-CY1JF470J	J	47	1/16W	M-Ox.	AA
R837	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R841	VRS-CY1JF470J	J	47	1/16W	M-Ox.	AA
R842	VRS-CY1JF562J	J	5.6k	1/16W	M-Ox.	AA
R844	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R846	VRS-CY1JF470J	J	47	1/16W	M-Ox.	AA
R847	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R850	VRS-CY1JF470J	J	47	1/16W	M-Ox.	AA
R851	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R854	VRS-CY1JF472J	J	4.7k	1/16W	M-Ox.	AA
R855	VRS-CY1JF335J	J	3.3M	1/16W	M-Ox.	AA
R856	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R857	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R858	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R859	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R864	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R865	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R866	VRS-CY1JF472J	J	4.7k	1/16W	M-Ox.	AA
R867	VRS-CY1JF472J	J	4.7k	1/16W	M-Ox.	AA
R868	VRS-CY1JF472J	J	4.7k	1/16W	M-Ox.	AA
R869	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R873	VRS-CY1JF223F	J	22k	1/16W	M-Ox.	AA
R874	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R875	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R876	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R877	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R886	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R891	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R892	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R894	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R896	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R898	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R899	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R900	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R901	VRS-CY1JF183J	J	18k	1/16W	M-Ox.	AA
R902	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R903	VRS-CY1JF183J	J	18k	1/16W	M-Ox.	AA
R904	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R905	VRS-CY1JF183J	J	18k	1/16W	M-Ox.	AA
R906	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R907	VRS-CY1JF560J	J	56	1/16W	M-Ox.	AA
R908	VRS-TQ2BD151J	J	150	1/8W	M-Ox.	AA
R909	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R910	VRS-CY1JF181J	J	180	1/16W	M-Ox.	AA
R911	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R912	VRS-CY1JF432J	J	4.3k	1/16W	M-Ox.	AA
R913	VRS-TQ2BD151J	J	150	1/8W	M-Ox.	AA
R914	VRS-CY1JF152J	J	1.5k	1/16W	M-Ox.	AA
R915	VRS-CY1JF560J	J	56	1/16W	M-Ox.	AA
R923	VRS-CY1JF560J	J	56	1/16W	M-Ox.	AA
R924	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R925	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R926	VRS-CY1JF332J	J	3.3k	1/16W	M-Ox.	AA
R927	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R928	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R929	VRS-CY1JF560J	J	56	1/16W	M-Ox.	AA
R930	VRS-CY1JF560J	J	56	1/16W	M-Ox.	AA
R931	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R932	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R933	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R934	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA

DUNTKA535FE10 (PZ-43MR2U)
DUNTKA535FE08 (PZ-50MR2U)
DUNTKA535FE16 (PZ-MR2T)
MAIN UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R935	VRS-CY1JF821J	J	820 1/16W M-Ox.	AA
R936	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R937	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R938	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R939	VRS-CY1JF821J	J	820 1/16W M-Ox.	AA
R940	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R941	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R942	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R943	VRS-CY1JF821J	J	820 1/16W M-Ox.	AA
R944	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R945	VRS-CY1JF821J	J	820 1/16W M-Ox.	AA
R946	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R947	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R948	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R949	VRS-CY1JF821J	J	820 1/16W M-Ox.	AA
R950	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R951	VRS-CY1JF821J	J	820 1/16W M-Ox.	AA
R952	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R953	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R954	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R955	VRS-CY1JF821J	J	820 1/16W M-Ox.	AA
R956	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R957	VRS-CY1JF821J	J	820 1/16W M-Ox.	AA
R958	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R959	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R960	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R961	VRS-CY1JF821J	J	820 1/16W M-Ox.	AA
R962	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R963	VRS-CY1JF470J	J	47 1/16W M-Ox.	AA
R964	VRS-CY1JF472J	J	4.7k 1/16W M-Ox.	AA
R965	VRS-CY1JF470J	J	47 1/16W M-Ox.	AA
R966	VRS-CY1JF472J	J	4.7k 1/16W M-Ox.	AA
R967	VRS-CY1JF223J	J	22k 1/16W M-Ox.	AA
R968	VRS-CY1JF472J	J	4.7k 1/16W M-Ox.	AA
R969	VRS-CY1JF470J	J	47 1/16W M-Ox.	AA
R970	VRS-CY1JF113F	J	11k 1/16W M-Ox.	AA
R971	VRS-CY1JF682F	J	6.8k 1/16W M-Ox.	AA
R972	VRS-CY1JF152F	J	1.5k 1/16W M-Ox.	AA
R973	VRS-CY1JF470J	J	47 1/16W M-Ox.	AA
R974	VRS-CY1JF105J	J	1.0M 1/16W M-Ox.	AA
R975	VRS-CY1JF472J	J	4.7k 1/16W M-Ox.	AA
R976	VRS-CY1JF472J	J	4.7k 1/16W M-Ox.	AA
R977	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
R978	VRS-CY1JF822J	J	8.2k 1/16W M-Ox.	AA
R979	VRS-CY1JF333F	J	33k 1/16W M-Ox.	AA
R980	VRS-CY1JF560J	J	56 1/16W M-Ox.	AA
R981	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
R982	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
R983	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
R984	VRS-CY1JF223J	J	22k 1/16W M-Ox.	AA
R987	VRS-CY1JF331F	J	330 1/16W M-Ox.	AA
R988	VRS-CY1JF102F	J	1.0k 1/16W M-Ox.	AA
R989	VRS-CY1JF121F	J	120 1/16W M-Ox.	AA
R990	VRS-CY1JF393F	J	39k 1/16W M-Ox.	AA
R991	VRS-CY1JF470J	J	47 1/16W M-Ox.	AA
R992	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R993	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R994	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R995	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R996	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R997	VRS-CY1JF560J	J	56 1/16W M-Ox.	AA
R998	VRS-CY1JF560J	J	56 1/16W M-Ox.	AA
R999	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1501	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1502	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1503	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1504	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1505	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1506	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1507	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1515	VRS-CY1JF223J	J	22k 1/16W M-Ox.	AA
R1516	VRS-CY1JF223J	J	22k 1/16W M-Ox.	AA
R1517	VRS-CY1JF223J	J	22k 1/16W M-Ox.	AA
R1518	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1519	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1521	VRS-CY1JF391J	J	390 1/16W M-Ox.	AA
R1522	VRS-CY1JF391J	J	390 1/16W M-Ox.	AA
R1524	VRS-CY1JF391J	J	390 1/16W M-Ox.	AA
R1525	VRS-CY1JF391J	J	390 1/16W M-Ox.	AA
R1529	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R1530	VRS-CY1JF472J	J	4.7k 1/16W M-Ox.	AA
R1531	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1533	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1534	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1535	VRS-CY1JF473J	J	47k 1/16W M-Ox.	AA
R1538	VRS-CY1JF223J	J	22k 1/16W M-Ox.	AA
R1539	VRS-CY1JF223J	J	22k 1/16W M-Ox.	AA
R1544	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1545	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1550	VRS-CY1JF223J	J	22k 1/16W M-Ox.	AA
R1551	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R1564	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
R1565	VRS-CY1JF391J	J	390 1/16W M-Ox.	AA
R1567	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R1568	VRS-CY1JF473J	J	47k 1/16W M-Ox.	AA
R1569	VRS-CY1JF473J	J	47k 1/16W M-Ox.	AA
R1570	VRS-CY1JF473J	J	47k 1/16W M-Ox.	AA
R1571	VRS-CY1JF473J	J	47k 1/16W M-Ox.	AA
R1572	VRS-CY1JF473J	J	47k 1/16W M-Ox.	AA
R1573	VRS-CY1JF473J	J	47k 1/16W M-Ox.	AA
R1594	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R1596	VRS-CY1JF223J	J	22k 1/16W M-Ox.	AA
R1701	VRS-CY1JF683J	J	68k 1/16W M-Ox.	AA
R1702	VRS-CY1JF272J	J	2.7k 1/16W M-Ox.	AA
R1706	VRS-CY1JF333J	J	33k 1/16W M-Ox.	AA
R1707	VRS-CY1JF273J	J	27k 1/16W M-Ox.	AA
R1708	VRS-CY1JF393J	J	39k 1/16W M-Ox.	AA
R1709	VRS-TW2ED100J	J	10 1/4W M-Ox.	AA
R1711	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1712	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1713	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1714	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
R1718	VRS-CY1JF104J	J	100k 1/16W M-Ox.	AA
R1719	VRS-CY1JF104J	J	100k 1/16W M-Ox.	AA
R1721	VRS-CY1JF104J	J	100k 1/16W M-Ox.	AA
R1722	VRS-CY1JF104J	J	100k 1/16W M-Ox.	AA
R1724	VRS-CY1JF104J	J	100k 1/16W M-Ox.	AA
R1726	VRS-CY1JF104J	J	100k 1/16W M-Ox.	AA
R1727	VRS-CY1JF104J	J	100k 1/16W M-Ox.	AA
R1728	VRS-CY1JF104J	J	100k 1/16W M-Ox.	AA
R1736	VRS-CY1JF472J	J	4.7k 1/16W M-Ox.	AA
R1743	VRS-TW2ED120J	J	12 1/4W M-Ox.	AB
R1744	VRS-CY1JF332F	J	3.3k 1/16W M-Ox.	AA
R1745	VRS-CY1JF331F	J	330 1/16W M-Ox.	AA
R1746	VRS-CY1JF152F	J	1.5k 1/16W M-Ox.	AA
R1747	VRS-CY1JF473F	J	47k 1/16W M-Ox.	AA
R1751	VRS-TW2ED471J	J	470 1/4W M-Ox.	AA
R1753	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
R1756	VRS-CY1JF472J	J	4.7k 1/16W M-Ox.	AA
R1763	VRS-TW2ED120J	J	12 1/4W M-Ox.	AB
R1764	VRS-CY1JF272F	J	2.7k 1/16W M-Ox.	AA
R1765	VRS-CY1JF331F	J	330 1/16W M-Ox.	AA
R1766	VRS-CY1JF182F	J	1.8k 1/16W M-Ox.	AA
R1767	VRS-CY1JF123F	J	12k 1/16W M-Ox.	AA
R1774	VRS-CY1JF223J	J	22k 1/16W M-Ox.	AA
R1775	VRS-CY1JF102F	J	1.0k 1/16W M-Ox.	AA
R1776	VRS-CY1JF561F	J	560 1/16W M-Ox.	AA
R1777	VRS-CY1JF303F	J	30k 1/16W M-Ox.	AA
R1778	VRS-CY1JF472F	J	4.7k 1/16W M-Ox.	AA
R1779	VRS-CY1JF393F	J	39k 1/16W M-Ox.	AA
R1780	VRS-CY1JF473J	J	47k 1/16W M-Ox.	AA
R1781	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
R1782	VRS-TW2ED120J	J	12 1/4W M-Ox.	AB
R1783	VRS-CY1JF102F	J	1.0k 1/16W M-Ox.	AA
R1784	VRS-CY1JF123J	J	12k 1/16W M-Ox.	AA

DUNTKA535FE10 (PZ-43MR2U)
DUNTKA535FE08 (PZ-50MR2U)
DUNTKA535FE16 (PZ-MR2T)
MAIN UNIT (Continued)

Ref. No.	Part No.	★	Description			Code
R1785	VRS-CY1JF472J	J	4.7k	1/16W	M-Ox.	AA
R1786	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R1788	VRS-CR3AD821J	J	820	1W	M-Ox.	AC
R1790	VRS-TQ2BD683J	J	68k	1/8W	M-Ox.	AA
R1791	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1792	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1794	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1901	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1902	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1905	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1906	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1907	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1911	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R1913	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1915	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1916	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1917	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1920	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1921	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1922	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1923	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1926	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R1927	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R1928	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R1929	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R1930	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R1931	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1932	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1933	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1934	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1935	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1936	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1937	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1938	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1941	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1942	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1943	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1944	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R7001	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R7002	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R7003	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R7004	VRS-CY1JF333J	J	33k	1/16W	M-Ox.	AA
R7005	VRS-CY1JF271J	J	270	1/16W	M-Ox.	AA
R7006	VRS-CY1JF271J	J	270	1/16W	M-Ox.	AA
R7007	VRS-CY1JF182J	J	1.8k	1/16W	M-Ox.	AA
R7008	VRS-CY1JF182J	J	1.8k	1/16W	M-Ox.	AA
R7009	VRS-CY1JF472J	J	4.7k	1/16W	M-Ox.	AA
R7010	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R7011	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R7012	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R7013	VRS-CY1JF473J	J	47k	1/16W	M-Ox.	AA
R7014	VRS-CY1JF224J	J	220k	1/16W	M-Ox.	AA
R7015	VRS-CY1JF221J	J	220	1/16W	M-Ox.	AA
R7016	VRS-TQ2BD000J	J	0	1/8W	M-Ox.	AA
R7017	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R7018	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R7019	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R7020	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R7021	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R7023	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R7027	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R7028	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R7031	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R7034	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R7035	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R7036	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R7037	VRS-CY1JF911J	J	910	1/16W	M-Ox.	AA
R7038	VRS-CY1JF152J	J	1.5k	1/16W	M-Ox.	AA
R7039	VRS-CY1JF152J	J	1.5k	1/16W	M-Ox.	AA
R7040	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R7041	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R7042	VRS-CY1JF911J	J	910	1/16W	M-Ox.	AA
R7043	VRS-CY1JF152J	J	1.5k	1/16W	M-Ox.	AA
R7044	VRS-CY1JF152J	J	1.5k	1/16W	M-Ox.	AA
R7045	VRS-TX2HF2R2J	J	2.2	1/2W	M-Ox.	AB
R7046	VRS-TX2HF2R2J	J	2.2	1/2W	M-Ox.	AB
R7049	VRS-CY1JF470J	J	47	1/16W	M-Ox.	AA
R7050	VRS-CY1JF621J	J	620	1/16W	M-Ox.	AA
R7201	VRS-CY1JF105J	J	1.0M	1/16W	M-Ox.	AA
R7202	VRS-CY1JF221J	J	220	1/16W	M-Ox.	AA
R7203	VRS-CY1JF562J	J	5.6k	1/16W	M-Ox.	AA
R7205	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R7206	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R7207	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R7208	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R7209	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R7210	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R7211	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R7215	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R7216	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R7217	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R7224	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R7225	VRS-CY1JF332J	J	3.3k	1/16W	M-Ox.	AA
R7237	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R7238	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R7239	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R7240	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
⚠ F1702	QFS-D0011CEZZ	J	Fuse T4AL/250V	AE
FB401	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB601	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB602	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB603	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB801	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB802	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB803	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB1701	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1702	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1703	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1704	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1705	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1706	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1707	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1709	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1710	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1711	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1712	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1713	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1714	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1715	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1716	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1717	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1718	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1719	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1720	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1721	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1722	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1723	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1724	RBLN-0051TAZZ	J	Ferrite Bead	AC
FB1725	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1727	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1728	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1729	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1730	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1731	RBLN-0006TAZZ	J	Ferrite Bead	AB
FB1732	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1733	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1734	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1735	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1736	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1737	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1740	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1741	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1742	RBLN-0210TAZZ	J	Ferrite Bead	AB

DUNTKA535FE10 (PZ-43MR2U)
DUNTKA535FE08 (PZ-50MR2U)
DUNTKA535FE16 (PZ-MR2T)
MAIN UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
FB1744	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1745	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1746	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1747	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1748	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1749	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1750	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1751	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1752	RBLN-0210TAZZ	J	Ferrite Bead	AB
FB1901	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB1902	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB7001	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB7002	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB7003	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB7004	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB7005	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB7006	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB7007	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB7008	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB7201	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB7203	RBLN-0061TAZZ	J	Ferrite Bead	AD
FH1703	QFSHD1002CEZZ	J	Fuse Holder	AA
FH1704	QFSHD1002CEZZ	J	Fuse Holder	AA
P801	QPLGN0056CEZZY	J	Plug 6-Pin	AD
P1502	QPLGN0549FJZZY	J	Plug 12-Pin	AE
P1504	QPLGN0060CEZZY	J	Plug 10-Pin	AE
P1702	QPLGN0550FJZZY	J	Plug 13-Pin	AF
P1703	QPLGN0062CEZZY	J	Plug 12-Pin	AE
P1901	QPLGN1094CEZZ	J	Plug 10-Pin	AF
SC1501	QSOCN0490FJZZ	J	Socket 30-Pin	AF
SC1502	QSOCN0464FJZZ	J	Socket 50-Pin	AH
SC1503	QSOCN0550FJZZ	J	Socket 30-Pin	AF
SC1504	QSOCN0490FJZZ	J	Socket 30-Pin	AF
	QCNW-6077CEZZ	J	Connecting Cord	AH

DUNTKA616DE03 (PZ-43MR2U)
DUNTKA616DE02 (PZ-50MR2U)
DUNTKA616DE04 (PZ-MR2T)
AV UNIT

TUNERS

Ref. No.	Part No.	★	Description	Code
TU1101	VTUVT2U5UW253	J	Tuner	BB
TU1102	VTUVT2U5UF253	J	Tuner	BB

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC1101	VHiBA05FP++-1Y	J	BA05FP	AF
IC1102	VHiM62320FP-1	J	M62320FP	AK
IC1103	VHiBA05FP++-1Y	J	BA05FP	AF
IC1104	VHiMM1506XN-1	J	MM1506XNRE	AE
IC1105	VHiMM1506XN-1	J	MM1506XNRE	AE
IC1301	VHiCXA2069Q-1	J	CXA2069Q	AR
IC1401	VHiMM1519XQ-1	J	MM1519XG	AW
IC1601	VHiZ86230S+-1Y	J	Z8623012SSC	AV
IC1602	VHiZ86129S+-1	J	Z8612912SSC	BA
IC1603	VHiZ86230S+-1Y	J	Z8623012SSC	AV
IC2501	RH-iX3370CEN1Q	J	MSP3440G-QA-B8	AY
IC2503	VHiPST529DM-1	J	PST529DMT	AE
IC2504	VHiNJ2233BM-1	J	NJM2233BM	AE
IC2505	VHiNJ2233BM-1	J	NJM2233BM	AE

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q1101	VS2SC3928AR-1	J	2SC3928AR	AB
Q1102	VSDTC314TK/-1	J	DTC314TK	AC
Q1103	VSDTC314TK/-1	J	DTC314TK	AC
Q1104	VS2SC3928AR-1	J	2SC3928AR	AB
Q1105	VS2SA1530AR-1	J	2SA1530AR	AB
Q1106	VS2SA1530AR-1	J	2SA1530AR	AB
Q1107	VS2SA1530AR-1	J	2SA1530AR	AB
Q1108	VS2SC3928AR-1	J	2SC3928AR	AB
Q1111	VS2SC3928AR-1	J	2SC3928AR	AB
Q1112	VS2SA1530AR-1	J	2SA1530AR	AB
Q1401	VS2SC3928AR-1	J	2SC3928AR	AB
Q1402	VS2SC3928AR-1	J	2SC3928AR	AB
Q1403	VS2SC3928AR-1	J	2SC3928AR	AB
Q1405	VS2SA1530AR-1	J	2SA1530AR	AB
Q1406	VS2SA1530AR-1	J	2SA1530AR	AB
Q1407	VS2SA1530AR-1	J	2SA1530AR	AB
Q1581	VS2SA1298Y/-1	J	2SA1298Y	AB
Q1582	VSDTC144TE/-1	J	DTC144TE	AB
Q1601	VS2SC3928AR-1	J	2SC3928AR	AB
Q1602	VS2SC3928AR-1	J	2SC3928AR	AB
Q2502	VS2SA1530AR-1	J	2SA1530AR	AB
Q2503	VS2SA1530AR-1	J	2SA1530AR	AB
Q2504	VS2SA1530AR-1	J	2SA1530AR	AB
Q2505	VS2SA1530AR-1	J	2SA1530AR	AB
Q2506	VS2SA1530AR-1	J	2SA1530AR	AB
Q2510	VSDTA144EE/-1	J	DTA144EE	AA
Q2511	VSDTC144EE/-1	J	DTC144EE	AA

DIODES

Ref. No.	Part No.	★	Description	Code
D1101	RH-EX1264CEZZ	J	Zener Diode	AB
D1102	RH-EX1264CEZZ	J	Zener Diode	AB
D1103	VHDHSU119//-1	J	Diode	AB
D1104	VHDHSU119//-1	J	Diode	AB
D1110	RH-EX0207CEZZ	J	Zener Diode	AA
D1301	RH-EX1264CEZZ	J	Zener Diode	AB
D1302	RH-EX1264CEZZ	J	Zener Diode	AB
D1303	RH-EX1264CEZZ	J	Zener Diode	AB
D1304	RH-EX1264CEZZ	J	Zener Diode	AB
D1305	RH-EX1264CEZZ	J	Zener Diode	AB
D1306	RH-EX1264CEZZ	J	Zener Diode	AB
D1307	RH-EX1264CEZZ	J	Zener Diode	AB
D1308	RH-EX1264CEZZ	J	Zener Diode	AB
D1309	RH-EX1264CEZZ	J	Zener Diode	AB
D1310	RH-EX1264CEZZ	J	Zener Diode	AB
D1311	RH-EX1264CEZZ	J	Zener Diode	AB
D1312	RH-EX1264CEZZ	J	Zener Diode	AB
D1313	RH-EX1264CEZZ	J	Zener Diode	AB
D1401	VHDMA157A//-1	J	Diode	AC

DUNTKA616DE03 (PZ-43MR2U)
DUNTKA616DE02 (PZ-50MR2U)
DUNTKA616DE04 (PZ-MR2T)
AV UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
D1402	VHDMA157A//-1	J	Diode	AC
D1403	VHDMA157A//-1	J	Diode	AC
D1406	VHDMA157A//-1	J	Diode	AC
D1407	VHDMA157A//-1	J	Diode	AC
D1411	VHDMA157A//-1	J	Diode	AC
D1412	VHDMA157A//-1	J	Diode	AC
D1413	VHDMA157A//-1	J	Diode	AC
D1581	VHDHSU119//-1	J	Diode	AB
D1582	VHDHSU119//-1	J	Diode	AB
D1583	VHDHSU119//-1	J	Diode	AB
D2502	VHDDAN222//-1	J	Diode	AA
D2503	VHD1SS250//1E	J	Diode	AB
D2504	VHD1SS250//1E	J	Diode	AB
D2505	VHDMA157A//-1	J	Diode	AC
D2506	VHDHSU119//-1	J	Diode	AB

PACKAGED CIRCUITS

X1601	RCRSCA005WJZZY	J	Crystal	AF
X1602	RCRSCA005WJZZY	J	Crystal	AF
X2501	RCRSB0250GEZZ	J	Crystal	AG

FILTERS AND COILS

FL1101	RFiLN0017TAZZ	J	Filter	AC
FL1102	RFiLN0017TAZZ	J	Filter	AC
FL1103	RFiLN0017TAZZ	J	Filter	AC
FL1104	RFiLN0017TAZZ	J	Filter	AC
FL1105	RFiLN0017TAZZ	J	Filter	AC
FL1106	RFiLN0017TAZZ	J	Filter	AC
FL1107	RFiLN0017TAZZ	J	Filter	AC
FL1108	RFiLN0017TAZZ	J	Filter	AC
FL1109	RFiLN0017TAZZ	J	Filter	AC
FL1110	RFiLN0017TAZZ	J	Filter	AC
FL1111	RFiLN0017TAZZ	J	Filter	AC
FL1112	RFiLN0017TAZZ	J	Filter	AC
FL1113	RFiLN0017TAZZ	J	Filter	AC
FL1114	RFiLN0017TAZZ	J	Filter	AC
FL1115	RFiLN0017TAZZ	J	Filter	AC
FL1116	RFiLN0017TAZZ	J	Filter	AC
FL1117	RFiLN0017TAZZ	J	Filter	AC
FL1118	RFiLN0017TAZZ	J	Filter	AC
FL1119	RFiLN0003TAZZ	J	Filter	AD
FL1120	RFiLN0003TAZZ	J	Filter	AD
FL1121	RFiLN0003TAZZ	J	Filter	AD
L1101	VP-1M4R7J1R2N	J	Peaking 4.7µH	AB
L1102	VP-1M4R7J1R2N	J	Peaking 4.7µH	AB
L1401	VP-1M100J1R6N	J	Peaking 10µH	AC
L2501	VP-1M101J7R7N	J	Peaking 100µH	AC
L2502	VP-1M4R7J1R2N	J	Peaking 4.7µH	AB
L2503	VP-1M101J7R7N	J	Peaking 100µH	AC
L2504	VP-1M4R7J1R2N	J	Peaking 4.7µH	AB

CONTROLS

R1121	RVR-M7997TAZZ	J	1k (B) V-Level	AC
R1219	RVR-M7997TAZZ	J	1k (B) V-Level	AC

CAPACITORS

[El. …Electrolytic]

C1101	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1102	VCAAPF0JJ227MY	J	220	6.3V	EL.	AG
C1103	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1104	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1105	VCAAPF0JJ107MY	J	100	6.3V	EL.	AF
C1106	VCAAPF1CJ396MY	J	39	16V	EL.	AF
C1107	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1108	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1109	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1110	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1111	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C1112	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1113	VCE9PF1CW106M	J	10	16V	EL.(N.P)	AC
C1114	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1115	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1116	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1119	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1120	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1121	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1122	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1123	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C1124	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C1125	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1126	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1127	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1128	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1129	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1130	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1131	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1132	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1133	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C1134	VCEAPW1CN477M	J	470	16V	EL.	AE
C1135	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C1136	VCEAPF1CW106M	J	10	16V	EL.	AB
C1137	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C1138	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C1139	VCEAPF1CW106M	J	10	16V	EL.	AB
C1140	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C1141	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C1142	VCEAPF1CW106M	J	10	16V	EL.	AB
C1143	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C1144	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C1145	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C1146	VCEAPW1CN477M	J	470	16V	EL.	AE
C1147	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C1148	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C1149	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C1150	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C1151	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C1152	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C1153	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C1154	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C1155	VCEAPF1CW106M	J	10	16V	EL.	AB
C1156	VCEAPF1CW106M	J	10	16V	EL.	AB
C1157	VCEAPF1CW106M	J	10	16V	EL.	AB
C1158	VCEAPF1CW106M	J	10	16V	EL.	AB
C1159	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1160	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1161	VCAAPF0JJ227MY	J	220	6.3V	EL.	AG
C1162	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1164	VCAAPF0JJ107MY	J	100	6.3V	EL.	AF
C1165	VCAAPF1CJ396MY	J	39	16V	EL.	AF
C1166	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C1167	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C1168	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C1169	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C1170	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C1171	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C1172	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C1173	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C1174	VCEAPF1CN106M	J	10	16V	EL.	AD
C1175	VCEAPF1CN106M	J	10	16V	EL.	AD
C1176	VCEAPF1CN106M	J	10	16V	EL.	AD
C1177	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1178	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1179	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C1180	VCE9PF1CW106M	J	10	16V	EL.(N.P)	AC
C1181	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1182	VCEAPF1HW106M	J	10	50V	EL.	AB
C1301	VCKYCY1HB471K	J	470p	50V	Ceramic	AA
C1302	VCKYCY1HB471K	J	470p	50V	Ceramic	AA
C1303	VCKYCY1HB471K	J	470p	50V	Ceramic	AA
C1304	VCKYCY1HB471K	J	470p	50V	Ceramic	AA
C1305	VCKYCY1HB471K	J	470p	50V	Ceramic	AA
C1306	VCKYCY1HB471K	J	470p	50V	Ceramic	AA
C1307	VCKYCY1HB471K	J	470p	50V	Ceramic	AA
C1308	VCKYCY1HB471K	J	470p	50V	Ceramic	AA

DUNTKA616DE03 (PZ-43MR2U)
DUNTKA616DE02 (PZ-50MR2U)
DUNTKA616DE04 (PZ-MR2T)
AV UNIT (Continued)

Ref. No.	Part No.	★				Code
C1309	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1310	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1311	VCEAPF1CW226M	J	22	16V	EL.	AB
C1312	VCE9PF1AW106M	J	10	10V	EL.(N.P)	AE
C1313	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C1314	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C1316	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C1320	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C1321	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C1322	VCKYCY1HB471K	J	470p	50V	Ceramic	AA
C1323	VCKYCY1HB471K	J	470p	50V	Ceramic	AA
C1324	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C1325	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C1326	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C1327	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C1328	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1401	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1402	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1404	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1406	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1407	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1408	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1409	VCEAPF1CW107M	J	100	16V	EL.	AD
C1410	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1411	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1412	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C1413	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C1415	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1417	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1419	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1420	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C1421	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C1422	VCEAPF1CW107M	J	100	16V	EL.	AD
C1434	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1435	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1436	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1581	VCEAPF1CW226M	J	22	16V	EL.	AB
C1601	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1602	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C1603	VCCCCY1HH180J	J	18p	50V	Ceramic	AA
C1604	VCCCCY1HH561J	J	560p	50V	Ceramic	AB
C1605	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1606	VCKYCY1CB683K	J	0.068	16V	Ceramic	AC
C1607	VCKYCY1HB682K	J	6800p	50V	Ceramic	AA
C1608	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1609	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1612	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1614	VCCCCY1HH561J	J	560p	50V	Ceramic	AB
C1615	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1616	VCKYCY1CB683K	J	0.068	16V	Ceramic	AC
C1617	VCKYCY1HB682K	J	6800p	50V	Ceramic	AA
C1618	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1619	VCEAPF0JW107M	J	100	6.3V	EL.	AC
C1621	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1622	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1623	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C1624	VCCCCY1HH180J	J	18p	50V	Ceramic	AA
C1625	VCCCCY1HH561J	J	560p	50V	Ceramic	AB
C1626	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1627	VCKYCY1HB682K	J	6800p	50V	Ceramic	AA
C1628	VCKYCY1CB683K	J	0.068	16V	Ceramic	AC
C1629	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1630	VCEAPF0JW107M	J	100	6.3V	EL.	AC
C1640	VCCCCY1HH151J	J	150p	50V	Ceramic	AA
C1641	VCCCCY1HH151J	J	150p	50V	Ceramic	AA
C1642	VCCCCY1HH151J	J	150p	50V	Ceramic	AA
C1643	VCCCCY1HH151J	J	150p	50V	Ceramic	AA
C1644	VCCCCY1HH151J	J	150p	50V	Ceramic	AA
C1645	VCCCCY1HH151J	J	150p	50V	Ceramic	AA
C2501	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C2502	VCEAPF0JW107M	J	100	6.3V	EL.	AC
C2503	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C2512	VCKYCY1HB332K	J	3300p	50V	Ceramic	AA
C2513	VCKYCY1HB332K	J	3300p	50V	Ceramic	AA
C2514	VCKYCY1HB332K	J	3300p	50V	Ceramic	AA
C2515	VCKYCY1HB332K	J	3300p	50V	Ceramic	AA
C2516	VCEAPF1CW106M	J	10	16V	EL.	AB
C2517	VCEAPF1CW106M	J	10	16V	EL.	AB
C2518	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C2519	VCEAPF1CW107M	J	100	16V	EL.	AD
C2520	VCEAPF1CW107M	J	100	16V	EL.	AD
C2521	VCEAPF1HW335M	J	3.3	50V	EL.	AB
C2522	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C2523	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C2524	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C2525	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C2526	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C2527	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C2528	VCEAPF1CW106M	J	10	16V	EL.	AB
C2529	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C2530	VCEAPF0JW107M	J	100	6.3V	EL.	AC
C2531	VCCCCY1HH560J	J	56p	50V	Ceramic	AA
C2532	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C2533	VCCCCY1HH560J	J	56p	50V	Ceramic	AA
C2534	VCCCCY1HH5R0C	J	5.0p	50V	Ceramic	AA
C2535	VCCCCY1HH5R0C	J	5.0p	50V	Ceramic	AA
C2536	VCEASH0JN477MY	J	470	6.3V	EL.	AD
C2537	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C2538	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C2539	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C2543	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C2544	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C2545	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C2546	VCKYTV1CB105K	J	1.0	16V	Ceramic	AC
C2547	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C2548	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C2553	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C2554	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA

RESISTORS

[M-Ox. …Metal Oxide]

R1104	VRS-CY1JF680J	J	68	1/16W	M-Ox.	AA
R1105	VRS-CY1JF680J	J	68	1/16W	M-Ox.	AA
R1107	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R1110	VRS-CY1JF683J	J	68k	1/16W	M-Ox.	AA
R1112	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1113	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1114	VRS-CY1JF562J	J	5.6k	1/16W	M-Ox.	AA
R1115	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1116	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
R1117	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R1118	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R1119	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1120	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1122	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R1123	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1124	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R1125	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R1126	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R1127	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R1128	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R1129	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R1130	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R1131	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R1135	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R1136	VRS-CY1JF274J	J	270k	1/16W	M-Ox.	AA
R1137	VRS-TV1JD750J	J	75	1/10W	M-Ox.	AA
R1138	VRS-TQ2BD750J	J	75	1/8W	M-Ox.	AA
R1139	VRS-TQ2BD750J	J	75	1/8W	M-Ox.	AA
R1140	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R1141	VRS-CY1JF274J	J	270k	1/16W	M-Ox.	AA
R1142	VRS-TV1JD750J	J	75	1/10W	M-Ox.	AA
R1143	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R1144	VRS-CY1JF274J	J	270k	1/16W	M-Ox.	AA
R1145	VRS-TV1JD750J	J	75	1/10W	M-Ox.	AA

DUNTKA616DE03 (PZ-43MR2U)
DUNTKA616DE02 (PZ-50MR2U)
DUNTKA616DE04 (PZ-MR2T)
AV UNIT (Continued)

Ref. No.	Part No.	★				Code
R1146	VRS-TQ2BD750J	J	75	1/8W	M-Ox.	AA
R1147	VRS-TX2HF680J	J	68	1/2W	M-Ox.	AA
R1148	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R1149	VRS-TX2HF680J	J	68	1/2W	M-Ox.	AA
R1150	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R1151	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1152	VRS-TQ2BD750J	J	75	1/8W	M-Ox.	AA
R1153	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1154	VRS-TQ2BD750J	J	75	1/8W	M-Ox.	AA
R1155	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1156	VRS-TQ2BD750J	J	75	1/8W	M-Ox.	AA
R1157	VRS-TQ2BD750J	J	75	1/8W	M-Ox.	AA
R1158	VRS-CY1JF221J	J	220	1/16W	M-Ox.	AA
R1159	VRS-CY1JF221J	J	220	1/16W	M-Ox.	AA
R1160	VRS-TQ2BD750J	J	75	1/8W	M-Ox.	AA
R1161	VRS-CY1JF221J	J	220	1/16W	M-Ox.	AA
R1162	VRS-CY1JF221J	J	220	1/16W	M-Ox.	AA
R1163	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1164	VRS-TQ2BD750J	J	75	1/8W	M-Ox.	AA
R1165	VRS-TX2HF680J	J	68	1/2W	M-Ox.	AA
R1166	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R1167	VRS-CY1JF221J	J	220	1/16W	M-Ox.	AA
R1168	VRS-CY1JF271J	J	270	1/16W	M-Ox.	AA
R1169	VRS-CY1JF224J	J	220k	1/16W	M-Ox.	AA
R1170	VRS-CY1JF221J	J	220	1/16W	M-Ox.	AA
R1171	VRS-CY1JF271J	J	270	1/16W	M-Ox.	AA
R1172	VRS-CY1JF224J	J	220k	1/16W	M-Ox.	AA
R1173	VRS-CY1JF564J	J	560k	1/16W	M-Ox.	AA
R1174	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1175	VRS-CY1JF564J	J	560k	1/16W	M-Ox.	AA
R1176	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1177	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1178	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1179	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1180	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1181	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1182	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1183	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1184	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1185	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1186	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1187	VRS-CY1JF561J	J	560	1/16W	M-Ox.	AA
R1188	VRS-CY1JF561J	J	560	1/16W	M-Ox.	AA
R1189	VRS-TQ2BD750J	J	75	1/8W	M-Ox.	AA
R1190	VRS-TQ2BD750J	J	75	1/8W	M-Ox.	AA
R1191	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1192	VRS-TQ2BD750J	J	75	1/8W	M-Ox.	AA
R1196	VRS-CY1JF680J	J	68	1/16W	M-Ox.	AA
R1197	VRS-CY1JF680J	J	68	1/16W	M-Ox.	AA
R1199	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R1202	VRS-CY1JF683J	J	68k	1/16W	M-Ox.	AA
R1204	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1205	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1206	VRS-TQ2BD561J	J	560	1/8W	M-Ox.	AA
R1207	VRS-TW2ED750J	J	75	1/4W	M-Ox.	AA
R1208	VRS-TW2ED750J	J	75	1/4W	M-Ox.	AA
R1209	VRS-TW2ED750J	J	75	1/4W	M-Ox.	AA
R1210	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1211	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1212	VRS-CY1JF562J	J	5.6k	1/16W	M-Ox.	AA
R1213	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1214	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
R1215	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R1216	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R1217	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1218	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1220	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R1301	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1302	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R1303	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1304	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R1305	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1306	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1307	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1308	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1309	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R1310	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1311	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R1312	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1313	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1314	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R1315	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1316	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R1317	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1318	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1319	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1320	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R1321	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1322	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R1323	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1324	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1325	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1326	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R1327	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R1328	VRS-TW2ED221J	J	220	1/4W	M-Ox.	AA
R1329	VRS-TW2ED221J	J	220	1/4W	M-Ox.	AA
R1330	VRS-TW2ED221J	J	220	1/4W	M-Ox.	AA
R1331	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1332	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1334	VRS-CY1JF561J	J	560	1/16W	M-Ox.	AA
R1335	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1336	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1337	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R1338	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1339	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R1340	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1341	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R1342	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R1343	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1344	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R1345	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R1348	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1349	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1350	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1354	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1405	VRS-CY1JF220J	J	22	1/16W	M-Ox.	AA
R1406	VRS-CY1JF220J	J	22	1/16W	M-Ox.	AA
R1407	VRS-CY1JF220J	J	22	1/16W	M-Ox.	AA
R1408	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1409	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1411	VRS-CY1JF220J	J	22	1/16W	M-Ox.	AA
R1412	VRS-CY1JF220J	J	22	1/16W	M-Ox.	AA
R1413	VRS-CY1JF220J	J	22	1/16W	M-Ox.	AA
R1418	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R1421	VRS-CA1JF101J	J	100	1/16W	M-Ox.	AA
R1422	VRS-CY1JF100J	J	10	1/16W	M-Ox.	AA
R1423	VRS-CY1JF100J	J	10	1/16W	M-Ox.	AA
R1424	VRS-CY1JF100J	J	10	1/16W	M-Ox.	AA
R1425	VRS-CY1JF100J	J	10	1/16W	M-Ox.	AA
R1429	VRS-CY1JF100J	J	10	1/16W	M-Ox.	AA
R1430	VRS-CY1JF100J	J	10	1/16W	M-Ox.	AA
R1431	VRS-CY1JF100J	J	10	1/16W	M-Ox.	AA
R1432	VRS-CY1JF100J	J	10	1/16W	M-Ox.	AA
R1433	VRS-CY1JF100J	J	10	1/16W	M-Ox.	AA
R1437	VRS-CY1JF220J	J	22	1/16W	M-Ox.	AA
R1438	VRS-CY1JF220J	J	22	1/16W	M-Ox.	AA
R1439	VRS-CY1JF220J	J	22	1/16W	M-Ox.	AA
R1443	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1444	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1445	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1446	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R1457	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1458	VRS-CY1JF100J	J	10	1/16W	M-Ox.	AA
R1459	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1460	VRS-CY1JF100J	J	10	1/16W	M-Ox.	AA

DUNTKA616DE03 (PZ-43MR2U)
DUNTKA616DE02 (PZ-50MR2U)
DUNTKA616DE04 (PZ-MR2T)
AV UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R1461	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R1462	VRS-CY1JF100J	J	10 1/16W M-Ox.	AA
R1463	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R1581	VRS-CR3AD330J	J	33 1W M-Ox.	AC
R1582	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
R1583	VRS-CY1JF561J	J	560 1/16W M-Ox.	AA
R1584	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R1601	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R1602	VRS-CY1JF471J	J	470 1/16W M-Ox.	AA
R1603	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R1604	VRS-CY1JF824J	J	820k 1/16W M-Ox.	AA
R1605	RR-SZ0080CEZZ	J	2.2M 1/8W M-Ox.	AA
R1606	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R1607	VRS-CY1JF471J	J	470 1/16W M-Ox.	AA
R1608	VRS-CY1JF682J	J	6.8k 1/16W M-Ox.	AA
R1609	VRS-CY1JF103F	J	10k 1/16W M-Ox.	AA
R1610	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1611	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1612	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R1613	VRS-CY1JF471J	J	470 1/16W M-Ox.	AA
R1614	VRS-CY1JF121J	J	120 1/16W M-Ox.	AA
R1615	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1616	VRS-CY1JF682J	J	6.8k 1/16W M-Ox.	AA
R1617	VRS-CY1JF103F	J	10k 1/16W M-Ox.	AA
R1618	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1619	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1620	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1623	VRS-CY1JF182J	J	1.8k 1/16W M-Ox.	AA
R1624	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R1625	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R1626	VRS-CY1JF824J	J	820k 1/16W M-Ox.	AA
R1627	RR-SZ0080CEZZ	J	2.2M 1/8W M-Ox.	AA
R1629	VRS-CY1JF471J	J	470 1/16W M-Ox.	AA
R1630	VRS-CY1JF682J	J	6.8k 1/16W M-Ox.	AA
R1631	VRS-CY1JF103F	J	10k 1/16W M-Ox.	AA
R1632	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1633	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1634	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1635	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1636	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R1637	VRS-CY1JF182J	J	1.8k 1/16W M-Ox.	AA
R1638	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1639	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1640	VRS-CY1JF182J	J	1.8k 1/16W M-Ox.	AA
R1641	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1642	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1643	VRS-CY1JF182J	J	1.8k 1/16W M-Ox.	AA
R1644	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1645	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R1650	VRS-CY1JF331J	J	330 1/16W M-Ox.	AA
R1651	VRS-CY1JF331J	J	330 1/16W M-Ox.	AA
R1652	VRS-CY1JF331J	J	330 1/16W M-Ox.	AA
R2501	VRS-CA1JF101J	J	100 1/16W M-Ox.	AA
R2502	VRS-CY1JF223J	J	22k 1/16W M-Ox.	AA
R2503	VRS-CY1JF223J	J	22k 1/16W M-Ox.	AA
R2505	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R2510	VRS-CY1JF332J	J	3.3k 1/16W M-Ox.	AA
R2511	VRS-CY1JF562J	J	5.6k 1/16W M-Ox.	AA
R2513	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R2514	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R2515	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R2516	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R2517	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R2518	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R2519	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R2520	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R2521	VRS-CA1JF101J	J	100 1/16W M-Ox.	AA
R2522	VRS-CA1JF101J	J	100 1/16W M-Ox.	AA
R2523	VRS-CY1JF105J	J	1.0M 1/16W M-Ox.	AA
R2524	VRS-CY1JF222J	J	2.2k 1/16W M-Ox.	AA
R2525	VRS-CY1JF223J	J	22k 1/16W M-Ox.	AA
R2526	VRS-CY1JF562J	J	5.6k 1/16W M-Ox.	AA
R2527	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R2528	VRS-CA1JF101J	J	100 1/16W M-Ox.	AA
R2531	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R2534	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R2535	VRS-CY1JF220J	J	22 1/16W M-Ox.	AA
R2537	VRS-CY1JF220J	J	22 1/16W M-Ox.	AA
R2538	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R2539	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R2540	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA
R2542	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
R2555	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R2556	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA

MISCELLANEOUS PARTS

FB1101	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB1102	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB1103	RBLN-0062TAZZ	J	Ferrite Bead	AB
FB1104	RBLN-0062TAZZ	J	Ferrite Bead	AB
FB1105	RBLN-0062TAZZ	J	Ferrite Bead	AB
FB1106	RBLN-0062TAZZ	J	Ferrite Bead	AB
FB1107	RBLN-0062TAZZ	J	Ferrite Bead	AB
FB1108	RBLN-0062TAZZ	J	Ferrite Bead	AB
FB1109	RBLN-0062TAZZ	J	Ferrite Bead	AB
FB1110	RBLN-0062TAZZ	J	Ferrite Bead	AB
FB1401	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB1402	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB1602	RBLN-0064TAZZ	J	Ferrite Bead	AC
FB2501	RBLN-0051TAZZ	J	Ferrite Bead	AC
FB2502	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB2503	RBLN-0051TAZZ	J	Ferrite Bead	AC
FB2504	RBLN-0051TAZZ	J	Ferrite Bead	AC
FB2505	RBLN-0051TAZZ	J	Ferrite Bead	AC
FB2506	RBLN-0051TAZZ	J	Ferrite Bead	AC
FB2507	RBLN-0051TAZZ	J	Ferrite Bead	AC
J1103	QTANJ0974CEZZ	J	Video 1/2,Compo 1IN	AK
J1104	QTANJ0974CEZZ	J	Video 3,Compo 3IN,Monitor	AK
P1301	QPLGN0428FJZZ	J	Plug 18-Pin	AD
P1402	QSOCN0490FJZZ	J	Socket 30-Pin	AF
P2501	QPLGN0062CEZZY	J	Plug 12-Pin	AE
P2502	QPLGN0478GEZZ	J	Plug 4-Pin	AB
P2503	QPLGN0578GEZZ	J	Plug 5-Pin	AB
SC1101	QSOCD0834CEZZ	J	INPUT 1/2 terminal (S-VIDEO)	AH
SC1102	QSOCD0834CEZZ	J	INPUT 3/MONITOR OUTPUT terminal (S-VIDEO)	AH
SC1103	QSOCN1594CEZZ	J	HC INPUT terminal	AK
SC1401	QSOCN0550FJZZY	J	Socket 30-Pin	AF
	QCNW-6073CEZZ	J	Connecting Cord	AP
	QCNW-6079CEZZ	J	Connecting Cord	AL

DUNTKA617DE03 (PZ-43MR2U)
DUNTKA617DE02 (PZ-50MR2U)
DUNTKA617DE04 (PZ-MR2T)
FRONT UNIT

INTEGRATED CIRCUIT

Ref. No.	Part No.	★	Description	Code
IC3401	VHi24LC21//-1	J	24LC21T	AN

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q3401	VS2SC2735//1E	J	2SC2735	AC
Q3402	VS2SC2735//1E	J	2SC2735	AC
Q3403	VS2SC2735//1E	J	2SC2735	AC

DIODES

Ref. No.	Part No.	★	Description	Code
D3401	RH-EX1264CEZZ	J	Zener Diode	AB
D3402	VHDMA3120WA-1	J	Diode	AK
D3403	VHDMA3120WA-1	J	Diode	AK
D3404	VHDMA3120WA-1	J	Diode	AK
D3405	RH-EX1264CEZZ	J	Zener Diode	AB
D3406	RH-EX1264CEZZ	J	Zener Diode	AB
D3407	RH-EX1271CEZZ	J	Zener Diode	AB
D3408	RH-EX1271CEZZ	J	Zener Diode	AB
D3409	VHDDAN222//-1	J	Diode	AA

FILTERS AND COIL

Ref. No.	Part No.	★	Description	Code
FL3401	RFiLN0003TAZZ	J	Filter	AD
FL3402	RFiLN0003TAZZ	J	Filter	AD
FL3403	RFiLN0003TAZZ	J	Filter	AD
FL3412	RFiLN0017TAZZ	J	Filter	AC
FL3413	RFiLN0017TAZZ	J	Filter	AC
FL3414	RFiLN0017TAZZ	J	Filter	AC
L3401	VP-1M100J1R6N	J	Peaking 10µH	AC

CAPACITORS

[El. …Electrolytic]

Ref. No.	Part No.	★				Code
C3401	VCEAPF0JW107M	J	100	6.3V	EL.	AC
C3402	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3403	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C3404	VCEAPF1CW476M	J	47	16V	EL.	AC
C3405	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3406	VCEAPF1CN106M	J	10	16V	EL.	AD
C3407	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3408	VCEAPF1CN106M	J	10	16V	EL.	AD
C3409	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3410	VCEAPF1CN106M	J	10	16V	EL.	AD
C3411	VCEAPF1CN106M	J	10	16V	EL.	AD
C3412	VCEAPF1CN106M	J	10	16V	EL.	AD
C3414	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C3415	VCEAPF1CN106M	J	10	16V	EL.	AD
C3416	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C3417	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C3418	VCEAPF1CN106M	J	10	16V	EL.	AD
C3420	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3421	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3422	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3423	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C3426	VCEAPW1EN106M	J	10	25V	EL.	AD
C3427	VCEAPW1EN106M	J	10	25V	EL.	AD
C3428	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C3429	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C3430	VCCCCY1HH560J	J	56p	50V	Ceramic	AA
C3431	VCCCCY1HH560J	J	56p	50V	Ceramic	AA
C3432	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C3433	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C3434	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C3435	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C3436	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C3437	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA

RESISTORS

[M-Ox. …Metal Oxide]

Ref. No.	Part No.	★				Code
R3401	VRS-TQ2BD561J	J	560	1/8W	M-Ox.	AA
R3402	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3403	VRS-CY1JF562J	J	5.6k	1/16W	M-Ox.	AA
R3404	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R3405	VRS-TQ2BD561J	J	560	1/8W	M-Ox.	AA
R3406	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3407	VRS-CY1JF562J	J	5.6k	1/16W	M-Ox.	AA
R3408	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R3409	VRS-TQ2BD561J	J	560	1/8W	M-Ox.	AA
R3410	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3411	VRS-CY1JF562J	J	5.6k	1/16W	M-Ox.	AA
R3412	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R3413	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3414	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3415	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R3416	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3417	VRS-CY1JF473J	J	47k	1/16W	M-Ox.	AA
R3418	VRS-CY1JF473J	J	47k	1/16W	M-Ox.	AA
R3422	VRS-TW2ED750J	J	75	1/4W	M-Ox.	AA
R3423	VRS-TW2ED750J	J	75	1/4W	M-Ox.	AA
R3424	VRS-TW2ED750J	J	75	1/4W	M-Ox.	AA
R3425	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3427	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R3428	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3429	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3430	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R3431	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R3432	VRS-TQ2BD750J	J	75	1/8W	M-Ox.	AA
R3433	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3434	VRS-TW2ED750J	J	75	1/4W	M-Ox.	AA
R3435	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R3436	VRS-CY1JF274F	J	270k	1/16W	M-Ox.	AA
R3437	VRS-TQ2BD750J	J	75	1/8W	M-Ox.	AA
R3439	VRS-CY1JF470J	J	47	1/16W	M-Ox.	AA
R3440	VRS-CY1JF470J	J	47	1/16W	M-Ox.	AA
R3441	VRS-CY1JF470J	J	47	1/16W	M-Ox.	AA
R3442	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R3443	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R3444	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3445	VRS-TW2ED4R7J	J	4.7	1/4W	M-Ox.	AA
R3446	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3447	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R3448	VRS-TW2ED4R7J	J	4.7	1/4W	M-Ox.	AA
R3449	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3450	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3451	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R3453	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R3454	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R3455	VRS-TV1JD102J	J	1.0k	1/16W	M-Ox.	AA
R3456	VRS-TV1JD102J	J	1.0k	1/16W	M-Ox.	AA

SWITCH

Ref. No.	Part No.	★	Description	Code
SW3401	QSW-K0069CEZZ	J	Clear	AB

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB3401	RBLN-0076TAZZ	J	Ferrite Bead	AC
FB3402	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3403	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3404	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3405	RBLN-0062TAZZ	J	Ferrite Bead	AB
FB3406	RBLN-0062TAZZ	J	Ferrite Bead	AB
FB3407	RBLN-0062TAZZ	J	Ferrite Bead	AB
FB3408	RBLN-0062TAZZ	J	Ferrite Bead	AB
FB3409	RBLN-0062TAZZ	J	Ferrite Bead	AB
J3401	QJAKZ0102PEZZ	J	INPUT 4 terminals	AH
J3403	QJAKJ0047CEZZ	J	PC INPUT terminal	AD
P3401	QPLGN1278GEZZ	J	Plug 12-Pin	AC
P3402	QPLGN0428FJZZ	J	Plug 18-Pin	AD
SC3401	QSOCN1594CEZZ	J	PC INPUT terminal (ANALOG RGB)	AK

Ref. No.	Part No.	★	Description	Code

DUNTKA618DE03 (PZ-43MR2U)
DUNTKA618DE02 (PZ-50MR2U)
DUNTKA618DE04 (PZ-MR2T)
SR UNIT

TRANSISTORS

Q6005	VSDTC314TK/-1	J	DTC314TK	AC
Q6006	VSDTC314TK/-1	J	DTC314TK	AC
Q6007	VS2SA1530AR-1	J	2SA1530AR	AB
Q6008	VS2SC3928AR-1	J	2SC3928AR	AB

DIODES

D6000	VHDMA157A//-1	J	Diode	AC
D6001	VHDMA157A//-1	J	Diode	AC
D6002	RH-EX1264CEZZ	J	Zener Diode	AB
D6003	RH-EX1264CEZZ	J	Zener Diode	AB
D6004	VHDMA157A//-1	J	Diode	AC
D6006	VHDMA157A//-1	J	Diode	AC
D6007	VHDMA157A//-1	J	Diode	AC
D6011	RH-EX1264CEZZ	J	Zener Diode	AB
D6012	RH-EX1264CEZZ	J	Zener Diode	AB
D6013	VHDMA157A//-1	J	Diode	AC
D6014	VHDMA157A//-1	J	Diode	AC
D6015	RH-EX1232CEZZ	J	Zener Diode	AB

CAPACITORS

[El. …Electrolytic]

C6000	VCEAPF1CW106M	J	10	16V	EL.	AB
C6001	VCEAPF1CW106M	J	10	16V	EL.	AB
C6002	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6003	VCKYCY1AF105Z	J	1.0	10V	Ceramic	AC
C6004	VCKYCY1AF105Z	J	1.0	10V	Ceramic	AC

RESISTORS

[M-Ox. …Metal Oxide]

R6000	VRS-CY1JF560J	J	56	1/16W	M-Ox.	AA
R6001	VRS-CY1JF560J	J	56	1/16W	M-Ox.	AA
R6002	VRS-CY1JF560J	J	56	1/16W	M-Ox.	AA
R6003	VRS-CY1JF473J	J	47k	1/16W	M-Ox.	AA
R6004	VRS-CY1JF560J	J	56	1/16W	M-Ox.	AA
R6005	VRS-CY1JF560J	J	56	1/16W	M-Ox.	AA
R6006	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R6007	VRS-CY1JF560J	J	56	1/16W	M-Ox.	AA
R6011	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R6012	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R6013	VRS-TQ2BD000J	J	0	1/8W	M-Ox.	AA
R6014	VRS-TQ2BD000J	J	0	1/8W	M-Ox.	AA
R6020	VRS-CY1JF472J	J	4.7k	1/16W	M-Ox.	AA
R6030	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R6031	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R6032	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R6033	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R6036	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R6037	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R6038	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R6039	VRS-CY1JF681J	J	680	1/16W	M-Ox.	AA
R6040	VRS-CY1JF105J	J	1.0M	1/16W	M-Ox.	AA

MISCELLANEOUS PARTS

FB6000	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB6001	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB6002	RBLN-0060TAZZ	J	Ferrite Bead	AB
P6000	QPLGN1474TAZZY	J	Plug 14-Pin	AE
P6001	QPLGN0480GEZZ	J	Plug 4-Pin	AB
SC6000	QSOCZ2015CEZZ	J	Socket 15-Pin D-Sub	AG
	QCNW-A280WJZZ	J	Connecting Cord	AH

Ref. No.	Part No.	★	Description	Code

DUNTKA619DE03 (PZ-43MR2U)
DUNTKA619DE02 (PZ-50MR2U)
DUNTKA619DE04 (PZ-MR2T)
LED UNIT

TRANSISTORS

Q3001	VS2SC3928AR-1	J	2SC3928AR	AB
Q3002	VS2SC3928AR-1	J	2SC3928AR	AB
Q3003	VSDTC144EE/-1	J	DTC144EE	AA
Q3004	VSDTC144EE/-1	J	DTC144EE	AA
Q3005	VSDTC144EE/-1	J	DTC144EE	AA

DIODE

D3001	RH-PX0421CEZZ	J	STAND BY/ON indicator	AD

RESISTORS

[M-Ox. …Metal Oxide]

R3001	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R3002	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R3003	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R3004	VRS-CY1JF182J	J	1.8k	1/16W	M-Ox.	AA
R3005	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R3006	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R3007	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R3008	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R3010	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R3011	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA
R3012	VRS-CY1JF000J	J	0	1/16W	M-Ox.	AA

MISCELLANEOUS PARTS

P3001	QPLGN0564TAZZ	J	Plug 5-Pin	AC
	QCNW-6076CEZZ	J	Connecting Cord	AG

Ref. No.	Part No.	★	Description	Code

RDENCA007WJN1 (PZ-43/50MR2U)
RDENCA006WJZZ (PZ-MR2T)
EMC UNIT

DIODE

⚠ VA710	VHVNV470D10-C or VHVENC471D10S	J	Varistor				AE

FILTERS

⚠ L701	RCiLZ1230SNEZ	J	Filter				AG
⚠ L702	RCiLZ1230SNEZ	J	Filter				AG

CAPACITORS

⚠ C701	RC-M2E224RESC or RC-M2E224ETSC	J	0.22	275V	Film		AE
⚠ C702	RCDE0910R102S	J	1000p	250V	Ceramic		AD
⚠ C703	RCDE0910R102S	J	1000p	250V	Ceramic		AD
⚠ C735	RC-M2E224RESC or RC-M2E224ETSC	J	0.22	275V	Film		AE

RESISTOR

⚠ R701	VRD-HT2HY394J	J	390k 1/2W		Carbon		AA
⚠ R742	RR-RCR50+565J	J	5.6M 1/2W (PZ-43/50MR2U)		Carbon		

MISCELLANEOUS PARTS

⚠ F701	QFS-A1129SNEZ	J	Fuse T2A 250V TR-5				AF
⚠ CN701	QSOCA1012SNEZ	J	Socket, 3-pin				AK

Ref. No.	Part No.	★	Description	Code

RDENC0331CEZZ
POWER UNIT

INTEGRATED CIRCUITS

IC701	VHiNJM2375AD1	J	NJM2375AD	AL
IC702	VHiTNY264P/-1	J	TNY264P	AN
IC703	VHiTA76431S15	J	TA76431	AF

TRANSISTORS

Q701	VS2SK2662//-1	J	2SK2662	AH
Q702	VS2SC1741AS-1	J	2SC1741AS	AC
Q703	VS2SK2700//-1	J	2SK2700	AM
Q704	VS2SC1741AS-1	J	2SC1741AS	AC
Q705	VSDTD113ZS/-1	J	DTD113ZS	AD
Q706	VSDTC124ESA-1	J	DTC124ESA	AC
Q707	VSDTA124XSA-1	J	DTA124XSA	AC
Q708	VSDTC124ESA-1	J	DTC124ESA	AC
Q709	VSDTA114ESA-1	J	DTA114ESA	AC

DIODES

D701	VHDD3SB60//-1	J	Diode	AH
D702	VHD5JL2CZ47-1	J	Diode	AM
D703	VHD1SS270ATE1	J	Diode	AB
D704	VHD1SS270ATE1	J	Diode	AB
D705	VHEHZS18-3/-1	J	Zener Diode	AB
D706	VHD1SS270ATE1	J	Diode	AB
D707	VHD05NH45//-1	J	Diode	AD
D708	VHD05NH45//-1	J	Diode	AD
D709	VHDAG01////-1	J	Diode	AE
D710	VHDFMB26L//-1	J	Diode	AH
D711	VHEHZS12A3/-1	J	Zener Diode	AB
D713	VHDRK39LFC3-1	J	Diode	AF
D714	VHD1SS270ATE1	J	1SS270A	AB
D715	VHEHZS3CLL/-1	J	Zener Diode	AD
D716	VHEHZS6C2//-1	J	Zener Diode	AB
D717	VHD1SS270ATE1	J	Diode	AB

PACKAGED CIRCUITS

⚠ PC701	VHPPC123FY2-1	J	Photo Coupler PC123FY	AF
⚠ PC702	VHPPC123FY2-1	J	Photo Coupler PC123FY	AF
⚠ PC703	VHPPC123FY2-1	J	Photo Coupler PC123FY	AF
⚠ PC704	VHPPC123FY2-1	J	Photo Coupler PC123FY	AF

FILTERS AND COILS

L703	RCiLC1239SNEZ	J	Coil	AQ
L704	RCiLC1249SNEZ	J	Coil	AG
L705	RCiLC1250SNEZ	J	Coil	AE

TRANSFORMERS

⚠ T701	RTRNP1219SNEZ	J	Transformer	AS
⚠ T702	RTRNP1220SNEZ	J	Transformer	AQ
TH701	VHS8D2-10LD-1	J	Power Thermistor	AE
TH702	VHS8D2-10LD-1	J	Power Thermistor	AE

CAPACITORS

[EL.··· Electrolytic]

⚠ C704	RC-M2E103RESC	J	0.01	275V	Film		AE
⚠ C705	RCDE0910R102S	J	1000p	250V	Ceramic		AD
C706	RC-M2G824MDSC	J	0.82	400V	Film		AG
C707	RCDE0707R221S	J	220p	2kV	Ceramic		AD
C708	RC-E2W566KMMZ	J	56	450V	EL.		AM
C709	RCDD350BC103K	J	0.01	50V	Ceramic		AB
C710	RC-E1V107SNPW	J	100	35V	EL.		AD
C711	RC-DD312F474Z	J	0.47	12V	Ceramic		AD
C713	RCDE0707R221S	J	220p	2kV	Ceramic		AD
C714	RCDE0707R221S	J	220p	2kV	Ceramic		AD
C715	RCDD407SR104K	J	0.1	16V	Ceramic		AC
C716	RCDD407SR104K	J	0.1	16V	Ceramic		AC
C717	RCDD107-B472K	J	4700p	50V	Ceramic		AB
C718	RCDD350BC103K	J	0.01	50V	Ceramic		AB
C719	RC-E2G226KMXZ	J	22	400V	EL.		AH
C720	RCDE0705SL101	J	100p	2kV	Ceramic		AD
C721	RCDD407SR104K	J	0.1	16V	Ceramic		AC

Ref. No.	Part No.	★	Description			Code
RDENC0331CEZZ						
POWER UNIT (Continued)						
C722	RC-E1H226SNPJ	J	22	50V	EL.	AC
C723	RC-E1E477SNPW	J	470	25V	EL.	AF
C724	RC-E1E477SNPW	J	470	25V	EL.	AF
C725	RC-E1E477SNPW	J	470	25V	EL.	AF
C726	RCDD407SR104K	J	0.1	16V	Ceramic	AC
C727	RC-E1E477SNPW	J	470	25V	EL.	AF
C728	RC-E1A227SNPW	J	220	10V	EL.	AD
C729	RC-E1A227SNPW	J	220	10V	EL.	AD
C730	RCDD407SR104K	J	0.1	16V	Ceramic	AC
C731	RCDD407SR473K	J	0.047	50V	Ceramic	AB
C732	RC-E1H105SNPR	J	1	50V	EL.	AC
C733	RCDD106-B222K	J	2200p	50V	Ceramic	AB
RESISTORS						
	[M-Ox.··· Metal Oxide]					
R702	VRD-HT2EY105J	J	1M	1/4W	Carbon	AA
R703	VRD-HT2EY105J	J	1M	1/4W	Carbon	AA
R704	VRD-HT2EY223J	J	22k	1/4W	Carbon	AA
R705	VRD-HT2EY100J	J	10	1/4W	Carbon	AA
R706	RR-HRNMR15J2C	J	0.15	2W	M-Ox.	AD
R707	VRD-HT2EY824J	J	820k	1/4W	Carbon	AA
R708	VRD-HT2EY754J	J	750k	1/4W	Carbon	AA
R709	VRD-HT2EY000J	J	0	1/4W	Carbon	AA
R710	VRD-HT2EY153J	J	15k	1/4W	Carbon	AA
R711	VRD-HT2EY561J	J	560	1/4W	Carbon	AA
R712	VRD-HT2EY102J	J	1k	1/4W	Carbon	AA
R713	VRD-HT2EY103J	J	10k	1/4W	Carbon	AA
R714	VRS-RE3DA101J	J	100	2W	M-Ox.	AC
R715	VRD-HT2HY274J	J	270k	1/2W	Carbon	AA
R716	VRD-HT2HY274J	J	270k	1/2W	Carbon	AA
R717	VRD-HT2EY183J	J	18k	1/4W	Carbon	AA
R718	VRD-HT2EY562J	J	5.6k	1/4W	Carbon	AA
R719	RR-HRSM3R0J3C	J	3	3W	M-Ox.	AD
R720	VRD-HT2EY152J	J	1.5k	1/4W	Carbon	AA
R721	VRD-HT2HY221J	J	220	1/2W	Carbon	AA
R722	VRD-HT2EY680J	J	68	1/4W	Carbon	AA
R723	VRD-HT2EY101J	J	100	1/4W	Carbon	AA
R724	VRD-HT2EY471J	J	470	1/4W	Carbon	AA
R725	VRD-HT2EY102J	J	1k	1/4W	Carbon	AA
R726	VRD-HT2EY122J	J	1.2k	1/4W	Carbon	AA
R727	VRD-HT2HY152J	J	1.5k	1/2W	Carbon	AA
R728	VRD-HT2EY100J	J	10	1/4W	Carbon	AA
R729	VRD-HT2EY101J	J	100	1/4W	Carbon	AA
R730	VRD-HT2EY221J	J	220	1/4W	Carbon	AA
R731	VRD-HT2EY102J	J	1k	1/4W	Carbon	AA
R732	VRD-HT2EY103J	J	10k	1/4W	Carbon	AA
R733	VRNHT2EK3601F	J	3.6k	1/4W	Carbon	AB
R734	VRNHT2EK1500F	J	150	1/4W	Carbon	AB
R735	VRNHT2EY1001F	J	1k	1/4W	Carbon	AB
R736	VRD-HT2EY102J	J	1k	1/4W	Carbon	AA
R737	VRD-HT2EY222J	J	2.2k	1/4W	Carbon	AA
R738	VRD-HT2EY222J	J	2.2k	1/4W	Carbon	AA
R739	VRD-HT2EY562J	J	5.6k	1/4W	Carbon	AA
R740	VRD-HT2EY513J	J	51k	1/4W	Carbon	AA
SWITCH						
⚠ SW701	QSW-P0591CEZZ	J	Switch			AQ
MISCELLANEOUS PARTS						
FB701	RCORF1011SNEZ	J	Ferrite Bead			AC
FB702	RCORF1011SNEZ	J	Ferrite Bead			AC
⚠ RL701	RRLYD1010SNEZ	J	Relay			AP
⚠ F702	QFS-A1129SNEZ	J	Fuse T2A 250V TR-5			AF
CN702	QCNCM1003SNEZ	J	Connector, 3-pin			AD
CN703	QCNCM1766SNEZ	J	Connector, 12-pin			AD
	PRDAF1085SNEZ	J	Heat Sink			AQ
	PRDAF1073SNEZ	J	Heat Sink			AK

Ref. No.	Part No.	★	Description	Code
CPCi-0056CE15				
PC I/F UNIT				
INTEGRATED CIRCUITS				
IC2	9DK001-15061	J	PST600IM	AL
IC3	9DK001-11020	J	AT24C128N-10SC-1.8	AS
IC4	9DK001-15079	J	CXA3506R	BN
IC7	9DK001-15038	J	PQ05TZ11	AR
IC8	9DK001-15071	J	PQ20VZ11	AL
IC19	9DK001-15060	J	PST623XW	AP
IC27	RH-iX3430CEZZ	J	LH28F320S3NS-L11	BK
IC28	9DK001-11027	J	MSM51V181865F-60TS-K	AX
IC53	9DK001-12079	J	74LVX86MTC	AG
IC310	9DK001-15082	J	TLC5733A	BC
IC316	9DK001-15053	J	TL431CPS	AL
IC319	9DK001-11024	J	HY57V653220BTC-7	BN
IC320	9DK001-11024	J	HY57V653220BTC-7	BN
IC321	9DK001-11024	J	HY57V653220BTC-7	BN
IC322	9DK001-11024	J	HY57V653220BTC-7	BN
IC327	9DK001-15084	J	NJM4560M	AK
IC328	9DK001-15054	J	TLC2933IPW	AX
IC400	9DK001-12079	J	74LVX86MTC	AG
IC402	9DK001-12105	J	74LVX125MTC	AK
IC404	9DK001-12105	J	74LVX125MTC	AK
IC405	9DK001-15107	J	uPD4721G	AS
IC408	9DK001-12085	J	HD74HCT244T	AL
	or			
	9DK001-12086		74VHCT244AMTC	AL
IC410	9DK001-12085	J	HD74HCT244T	AL
	or			
	9DK001-12086		74VHCT244AMTC	AL
IC411	9DK001-12103	J	74LCX157MTC	AK
IC412	9DK001-15093	J	PQ1R33	AP
IC415	9DK001-15109	J	BA09FP	AN
IC419	9DK001-12102	J	TC7WH123FK	AM
IC420	9DK001-12096	J	TC7WH126FK	AM
IC422	9DK001-12070	J	HD74HCT125T	AL
IC423	9DK001-12102	J	TC7WH123FK	AM
IC424	9DK001-12106	J	NC7S08P5	AG
	Note: When exchanging the following parts, it becomes unit replacement correspondence.			
IC1	RH-iX3270CEZZ	J	HD6417709	BH
IC25	RH-iX3434CZZZQ	J	CViC	BW
IC413	9DK001-15106	J	SiI168	BK
IC414	9DK001-11026	J	M24C32-WMN6	AT
TRANSISTORS				
Q12	9DK001-20025	J	IMB3A	AE
Q13	9DK001-20011	J	2SC2412KQ	AE
Q15	9DK001-20012	J	2SA1037AKQ	AE
Q102	9DK001-20036	J	NDC7002N	AL
Q103	9DK001-20011	J	2SC2412KQ	AE
Q104	9DK001-20011	J	2SC2412KQ	AE
Q105	9DK001-20011	J	2SC2412KQ	AE
Q107	9DK001-20011	J	2SC2412KQ	AE
Q108	9DK001-20011	J	2SC2412KQ	AE
Q109	9DK001-20011	J	2SC2412KQ	AE
Q110	9DK001-20011	J	2SC2412KQ	AE
Q111	9DK001-20012	J	2SA1037AKQ	AE
Q112	9DK001-20012	J	2SA1037AKQ	AE
Q113	9DK001-20012	J	2SA1037AKQ	AE
Q114	9DK001-20011	J	2SC2412KQ	AE
Q117	9DK001-20011	J	2SC2412KQ	AE
Q118	9DK001-20011	J	2SC2412KQ	AE
Q119	9DK001-20011	J	2SC2412KQ	AE
Q120	9DK001-20036	J	NDC7002N	AL
DIODES				
D9	9DK001-30018	J	Diode 1SS187	AD
D20	9DK001-30018	J	Diode 1SS187	AD
D50	9DK001-30001	J	Diode 1SS193	AC
D51	9DK001-30001	J	Diode 1SS193	AC
D52	9DK001-30001	J	Diode 1SS193	AC
D53	9DK001-30001	J	Diode 1SS193	AC

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PC I/F UNIT

Ref. No.	Part No.	★	Description	Code
D54	9DK001-30022	J	Diode MA3120WA	AG
D55	9DK001-30022	J	Diode MA3120WA	AG
D56	9DK001-30022	J	Diode MA3120WA	AG
D57	9DK001-30022	J	Diode MA3120WA	AG
D70	9DK001-30020	J	Diode 1SS355	AD
D71	9DK001-30020	J	Diode 1SS355	AD
D72	9DK001-30020	J	Diode 1SS355	AD
D73	9DK001-30021	J	Diode 1SS400	AE
D75	9DK001-30018	J	Diode 1SS187	AD
D76	9DK001-30018	J	Diode 1SS187	AD
D77	9DK001-30021	J	Diode 1SS400	AE
PACKAGED CIRCUITS				
X1	9DK001-80012	J	Crystal, 6MHz	AN
X3	9DK001-80011	J	Crystal, FXO-31FL (1.8432MHz)	AS
X4	9DK001-80018	J	Crystal, FXO-31FL (25MHz)	AV
X5	9DK001-80029	J	Crystal, DS07515V (79.794MHz)	AV
X6	9DK001-80031	J	Crystal, 25.175MHz	AT
FILTERS AND COILS				
FL5	9DK001-81020	J	Filter BMK351	AG
FL6	9DK001-81020	J	Filter BMK351	AG
FL10	9DK001-81020	J	Filter BMK351	AG
FL20	9DK001-81020	J	Filter BMK351	AG
FL21	9DK001-81020	J	Filter BMK351	AG
FL22	9DK001-81020	J	Filter BMK351	AG
FL23	9DK001-81020	J	Filter BMK351	AG
FL29	9DK001-81020	J	Filter BMK351	AG
FL30	9DK001-81020	J	Filter BMK351	AG
FL31	9DK001-81020	J	Filter BMK351	AG
FL32	9DK001-81020	J	Filter BMK351	AG
FL94	9DK001-81020	J	Filter BMK351	AG
FL95	9DK001-81020	J	Filter BMK351	AG
FL96	9DK001-81020	J	Filter BMK351	AG
FL97	9DK001-81020	J	Filter BMK351	AG
FL200	9DK001-81020	J	Filter BMK351	AG
FL201	9DK001-81020	J	Filter BMK351	AG
FL204	9DK001-81020	J	Filter BMK351	AG
L1	9DK001-81052	J	Inductor NLC322522T-3R3M	AG
L2	9DK001-81052	J	Inductor NLC322522T-3R3M	AG
L3	9DK001-81052	J	Inductor NLC322522T-3R3M	AG
L4	9DK001-81052	J	Inductor NLC322522T-3R3M	AG
L22	9DK001-81052	J	Inductor NLC322522T-3R3M	AG
L100	9DK001-81052	J	Inductor NLC322522T-3R3M	AG
L101	9DK001-81052	J	Inductor NLC322522T-3R3M	AG

CAPACITORS
[EL.··· Electrolytic]

Ref. No.	Part No.	★				Code
C1	9DK001-42094	J	0.1	25V	Ceramic	AC
C2	9DK001-42094	J	0.1	25V	Ceramic	AC
C6	9DK001-42096	J	0.01	50V	Ceramic	AC
C7	9DK001-42096	J	0.01	50V	Ceramic	AC
C8	9DK001-42096	J	0.01	50V	Ceramic	AC
C9	9DK001-42096	J	0.01	50V	Ceramic	AC
C10	9DK001-42131	J	10	10V	Ceramic	AE
	or					
	9DK001-42118		10	25V	Ceramic	AL
C12	9DK001-42103	J	15p	50V	Ceramic	AC
C13	9DK001-42103	J	15p	50V	Ceramic	AC
C14	9DK001-42096	J	0.01	50V	Ceramic	AC
C15	9DK001-42131	J	10	10V	Ceramic	AE
	or					
	9DK001-42118		10	25V	Ceramic	AL
C17	9DK001-42096	J	0.01	50V	Ceramic	AC
C18	9DK001-42096	J	0.01	50V	Ceramic	AC
C19	9DK001-42104	J	470p	50V	Ceramic	AC
C20	9DK001-42104	J	470p	50V	Ceramic	AC
C21	9DK001-42096	J	0.01	50V	Ceramic	AC
C22	9DK001-42096	J	0.01	50V	Ceramic	AC
C23	9DK001-42096	J	0.01	50V	Ceramic	AC
C24	9DK001-40077	J	10	16V	EL.	AF
C25	9DK001-42096	J	0.01	50V	Ceramic	AC
C26	9DK001-42096	J	0.01	50V	Ceramic	AC
C27	9DK001-42096	J	0.01	50V	Ceramic	AC
C28	9DK001-42096	J	0.01	50V	Ceramic	AC
C29	9DK001-42096	J	0.01	50V	Ceramic	AC
C30	9DK001-42105	J	0.047	50V	Ceramic	AC
C31	9DK001-42094	J	0.1	25V	Ceramic	AC
C32	9DK001-42094	J	0.1	25V	Ceramic	AC
C33	9DK001-42094	J	0.1	25V	Ceramic	AC
C34	9DK001-42096	J	0.01	50V	Ceramic	AC
C35	9DK001-42096	J	0.01	50V	Ceramic	AC
C36	9DK001-42096	J	0.01	50V	Ceramic	AC
C37	9DK001-42096	J	0.01	50V	Ceramic	AC
C38	9DK001-42096	J	0.01	50V	Ceramic	AC
C42	9DK001-42096	J	0.01	50V	Ceramic	AC
C43	9DK001-42096	J	0.01	50V	Ceramic	AC
C51	9DK001-42096	J	0.01	50V	Ceramic	AC
C52	9DK001-42096	J	0.01	50V	Ceramic	AC
C53	9DK001-42096	J	0.01	50V	Ceramic	AC
C62	9DK001-42094	J	0.1	25V	Ceramic	AC
C70	9DK001-42094	J	0.1	25V	Ceramic	AC
C78	9DK001-42094	J	0.1	25V	Ceramic	AC
C79	9DK001-40089	J	47	6.3V	EL.	AE
C80	9DK001-40079	J	47	16V	EL.	AG
C81	9DK001-42096	J	0.01	50V	Ceramic	AC
C82	9DK001-42096	J	0.01	50V	Ceramic	AC
C83	9DK001-42096	J	0.01	50V	Ceramic	AC
C84	9DK001-40089	J	47	6.3V	EL.	AE
C96	9DK001-40089	J	47	6.3V	EL.	AE
C110	9DK001-42094	J	0.1	25V	Ceramic	AC
C111	9DK001-42094	J	0.1	25V	Ceramic	AC
C112	9DK001-42094	J	0.1	25V	Ceramic	AC
C113	9DK001-42111	J	1	10V	Ceramic	AB
C114	9DK001-42094	J	0.1	25V	Ceramic	AC
C115	9DK001-42094	J	0.1	25V	Ceramic	AC
C116	9DK001-42094	J	0.1	25V	Ceramic	AC
C117	9DK001-42094	J	0.1	25V	Ceramic	AC
C118	9DK001-42094	J	0.1	25V	Ceramic	AC
C119	9DK001-42094	J	0.1	25V	Ceramic	AC
C120	9DK001-42094	J	0.1	25V	Ceramic	AC
C121	9DK001-42094	J	0.1	25V	Ceramic	AC
C122	9DK001-42111	J	1	10V	Ceramic	AB
C123	9DK001-42094	J	0.1	25V	Ceramic	AC
C124	9DK001-42094	J	0.1	25V	Ceramic	AC
C125	9DK001-42094	J	0.1	25V	Ceramic	AC
C126	9DK001-42094	J	0.1	25V	Ceramic	AC
C127	9DK001-42099	J	100p	50V	Ceramic	AC
C128	9DK001-42149	J	0.33	16V	Film	AM
C130	9DK001-42099	J	100p	50V	Ceramic	AC
C131	9DK001-42094	J	0.1	25V	Ceramic	AC
C132	9DK001-42094	J	0.1	25V	Ceramic	AC
C133	9DK001-42094	J	0.1	25V	Ceramic	AC
C134	9DK001-42094	J	0.1	25V	Ceramic	AC
C135	9DK001-42094	J	0.1	25V	Ceramic	AC
C136	9DK001-42094	J	0.1	25V	Ceramic	AC
C137	9DK001-42094	J	0.1	25V	Ceramic	AC
C138	9DK001-42094	J	0.1	25V	Ceramic	AC
C143	9DK001-42096	J	0.01	50V	Ceramic	AC
C144	9DK001-40089	J	47	6.3V	EL.	AE
C145	9DK001-42096	J	0.01	50V	Ceramic	AC
C146	9DK001-40089	J	47	6.3V	EL.	AE
C147	9DK001-42096	J	0.01	50V	Ceramic	AC
C148	9DK001-40089	J	47	6.3V	EL.	AE
C149	9DK001-42096	J	0.01	50V	Ceramic	AC
C350	9DK001-42096	J	0.01	50V	Ceramic	AC
C361	9DK001-40089	J	47	6.3V	EL.	AE
C366	9DK001-40080	J	100	6.3V	EL.	AF
C367	9DK001-40091	J	100	4V	EL.	AF
C531	9DK001-40089	J	47	6.3V	EL.	AE
C532	9DK001-42096	J	0.01	50V	Ceramic	AC
C537	9DK001-40077	J	10	16V	EL.	AF
C538	9DK001-42094	J	0.1	25V	Ceramic	AC

CPCi-0056CE15
PC I/F UNIT

Ref. No.	Part No.	★			Description	Code
C542	9DK001-40077	J	10	16V	EL.	AF
C543	9DK001-42094	J	0.1	25V	Ceramic	AC
C544	9DK001-42102	J	2200p	50V	Ceramic	AC
C545	9DK001-42102	J	2200p	50V	Ceramic	AC
C546	9DK001-42102	J	2200p	50V	Ceramic	AC
C550	9DK001-40077	J	10	16V	EL.	AF
C551	9DK001-42094	J	0.1	25V	Ceramic	AC
C552	9DK001-42094	J	0.1	25V	Ceramic	AC
C553	9DK001-42094	J	0.1	25V	Ceramic	AC
C554	9DK001-40077	J	10	16V	EL.	AF
C555	9DK001-42094	J	0.1	25V	Ceramic	AC
C556	9DK001-42094	J	0.1	25V	Ceramic	AC
C557	9DK001-42094	J	0.1	25V	Ceramic	AC
C558	9DK001-42094	J	0.1	25V	Ceramic	AC
C559	9DK001-42131	J	10	10V	Ceramic	AE
	or					
	9DK001-42118		10	25V	Ceramic	AL
C562	9DK001-42094	J	0.1	25V	Ceramic	AC
C563	9DK001-42094	J	0.1	25V	Ceramic	AC
C564	9DK001-40106	J	33	6.3V	OS	AR
C565	9DK001-42094	J	0.1	25V	Ceramic	AC
C566	9DK001-42123	J	330p	50V	Ceramic	AC
C573	9DK001-40089	J	47	6.3V	EL.	AE
C574	9DK001-40089	J	47	6.3V	EL.	AE
C575	9DK001-42096	J	0.01	50V	Ceramic	AC
C576	9DK001-42096	J	0.01	50V	Ceramic	AC
C577	9DK001-42096	J	0.01	50V	Ceramic	AC
C578	9DK001-42096	J	0.01	50V	Ceramic	AC
C579	9DK001-42096	J	0.01	50V	Ceramic	AC
C580	9DK001-42096	J	0.01	50V	Ceramic	AC
C581	9DK001-42096	J	0.01	50V	Ceramic	AC
C582	9DK001-42096	J	0.01	50V	Ceramic	AC
C583	9DK001-42096	J	0.01	50V	Ceramic	AC
C584	9DK001-42096	J	0.01	50V	Ceramic	AC
C585	9DK001-42096	J	0.01	50V	Ceramic	AC
C586	9DK001-42096	J	0.01	50V	Ceramic	AC
C587	9DK001-40089	J	47	6.3V	EL.	AE
C588	9DK001-40089	J	47	6.3V	EL.	AE
C589	9DK001-42096	J	0.01	50V	Ceramic	AC
C590	9DK001-42096	J	0.01	50V	Ceramic	AC
C591	9DK001-42096	J	0.01	50V	Ceramic	AC
C592	9DK001-42096	J	0.01	50V	Ceramic	AC
C593	9DK001-42096	J	0.01	50V	Ceramic	AC
C594	9DK001-42096	J	0.01	50V	Ceramic	AC
C595	9DK001-42096	J	0.01	50V	Ceramic	AC
C596	9DK001-42096	J	0.01	50V	Ceramic	AC
C597	9DK001-42096	J	0.01	50V	Ceramic	AC
C598	9DK001-42096	J	0.01	50V	Ceramic	AC
C599	9DK001-42096	J	0.01	50V	Ceramic	AC
C600	9DK001-42096	J	0.01	50V	Ceramic	AC
C697	9DK001-42096	J	0.01	50V	Ceramic	AC
C698	9DK001-42152	J	0.47	16V	Ceramic	AC
C700	9DK001-42152	J	0.47	16V	Ceramic	AC
C702	9DK001-42152	J	0.47	16V	Ceramic	AC
C704	9DK001-42111	J	1	10V	Ceramic	AB
C705	9DK001-42145	J	0.1	16V	Film	AK
C706	9DK001-42096	J	0.01	50V	Ceramic	AC
C715	9DK001-42096	J	0.01	50V	Ceramic	AC
C716	9DK001-42096	J	0.01	50V	Ceramic	AC
C717	9DK001-42096	J	0.01	50V	Ceramic	AC
C741	9DK001-40089	J	47	6.3V	EL.	AE
C757	9DK001-42113	J	4.7	10V	Ceramic	AB
C759	9DK001-42096	J	0.01	50V	Ceramic	AC
C762	9DK001-42094	J	0.1	25V	Ceramic	AC
C763	9DK001-42094	J	0.1	25V	Ceramic	AC
C764	9DK001-42094	J	0.1	25V	Ceramic	AC
C766	9DK001-42094	J	0.1	25V	Ceramic	AC
C767	9DK001-40104	J	6.8	10V	OS	AP
C768	9DK001-42111	J	1	10V	Ceramic	AB
C769	9DK001-42113	J	4.7	10V	Ceramic	AB
C776	9DK001-40104	J	6.8	10V	OS	AP

Ref. No.	Part No.	★			Description	Code
C777	9DK001-42094	J	0.1	25V	Ceramic	AC
C800	9DK001-42094	J	0.1	25V	Ceramic	AC
C802	9DK001-42094	J	0.1	25V	Ceramic	AC
C803	9DK001-42094	J	0.1	25V	Ceramic	AC
C804	9DK001-40103	J	2.2	50V	EL.	AE
C805	9DK001-40103	J	2.2	50V	EL.	AE
C806	9DK001-40103	J	2.2	50V	EL.	AE
C807	9DK001-40103	J	2.2	50V	EL.	AE
C808	9DK001-40103	J	2.2	50V	EL.	AE
C813	9DK001-42094	J	0.1	25V	Ceramic	AC
C814	9DK001-42094	J	0.1	25V	Ceramic	AC
C815	9DK001-42094	J	0.1	25V	Ceramic	AC
C816	9DK001-42094	J	0.1	25V	Ceramic	AC
C817	9DK001-42094	J	0.1	25V	Ceramic	AC
C818	9DK001-42094	J	0.1	25V	Ceramic	AC
C819	9DK001-42094	J	0.1	25V	Ceramic	AC
C820	9DK001-42094	J	0.1	25V	Ceramic	AC
C821	9DK001-42094	J	0.1	25V	Ceramic	AC
C822	9DK001-42094	J	0.1	25V	Ceramic	AC
C823	9DK001-42094	J	0.1	25V	Ceramic	AC
C824	9DK001-42094	J	0.1	25V	Ceramic	AC
C825	9DK001-42094	J	0.1	25V	Ceramic	AC
C826	9DK001-42094	J	0.1	25V	Ceramic	AC
C827	9DK001-42094	J	0.1	25V	Ceramic	AC
C828	9DK001-42094	J	0.1	25V	Ceramic	AC
C829	9DK001-42094	J	0.1	25V	Ceramic	AC
C830	9DK001-42094	J	0.1	25V	Ceramic	AC
C831	9DK001-42094	J	0.1	25V	Ceramic	AC
C832	9DK001-42094	J	0.1	25V	Ceramic	AC
C833	9DK001-42094	J	0.1	25V	Ceramic	AC
C834	9DK001-42094	J	0.1	25V	Ceramic	AC
C835	9DK001-42094	J	0.1	25V	Ceramic	AC
C836	9DK001-42094	J	0.1	25V	Ceramic	AC
C837	9DK001-42094	J	0.1	25V	Ceramic	AC
C838	9DK001-42094	J	0.1	25V	Ceramic	AC
C839	9DK001-42094	J	0.1	25V	Ceramic	AC
C840	9DK001-42094	J	0.1	25V	Ceramic	AC
C841	9DK001-42094	J	0.1	25V	Ceramic	AC
C842	9DK001-42094	J	0.1	25V	Ceramic	AC
C843	9DK001-42094	J	0.1	25V	Ceramic	AC
C844	9DK001-42094	J	0.1	25V	Ceramic	AC
C845	9DK001-42094	J	0.1	25V	Ceramic	AC
C846	9DK001-42094	J	0.1	25V	Ceramic	AC
C847	9DK001-40080	J	100	6.3V	EL.	AF
C848	9DK001-42094	J	0.1	25V	Ceramic	AC
C849	9DK001-40080	J	100	6.3V	EL.	AF
C850	9DK001-40092	J	220	4V	EL.	AF
C851	9DK001-40080	J	100	6.3V	EL.	AF
C852	9DK001-40089	J	47	6.3V	EL.	AE
C853	9DK001-42096	J	0.01	50V	Ceramic	AC
C854	9DK001-40079	J	47	16V	EL.	AG
C855	9DK001-42133	J	82p	50V	Ceramic	AC
C856	9DK001-42094	J	0.1	25V	Ceramic	AC
C857	9DK001-40077	J	10	16V	EL.	AF
C858	9DK001-42133	J	82p	50V	Ceramic	AC
C859	9DK001-42094	J	0.1	25V	Ceramic	AC
C860	9DK001-40077	J	10	16V	EL.	AF
C863	9DK001-42133	J	82p	50V	Ceramic	AC
C864	9DK001-42133	J	82p	50V	Ceramic	AC
C865	9DK001-42133	J	82p	50V	Ceramic	AC
C867	9DK001-40077	J	10	16V	EL.	AF
C868	9DK001-42094	J	0.1	25V	Ceramic	AC
C869	9DK001-42094	J	0.1	25V	Ceramic	AC
C870	9DK001-42133	J	82p	50V	Ceramic	AC
C872	9DK001-42094	J	0.1	25V	Ceramic	AC
C874	9DK001-42133	J	82p	50V	Ceramic	AC
C875	9DK001-42133	J	82p	50V	Ceramic	AC
C876	9DK001-42094	J	0.1	25V	Ceramic	AC
C878	9DK001-42094	J	0.1	25V	Ceramic	AC
C879	9DK001-42133	J	82p	50V	Ceramic	AC
C880	9DK001-42152	J	0.47	16V	Ceramic	AC
C881	9DK001-42094	J	0.1	25V	Ceramic	AC
C882	9DK001-40078	J	22	16V	EL.	AF
C883	9DK001-42094	J	0.1	25V	Ceramic	AC
C884	9DK001-42094	J	0.1	25V	Ceramic	AC

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Ref. No.	Part No.	★			Description	Code
C885	9DK001-42094	J	0.1	25V	Ceramic	AC
C886	9DK001-42152	J	0.47	16V	Ceramic	AC
C887	9DK001-42151	J	120p	50V	Ceramic	AC
C888	9DK001-42151	J	120p	50V	Ceramic	AC
C889	9DK001-42151	J	120p	50V	Ceramic	AC
C890	9DK001-40077	J	10	16V	EL.	AF
C891	9DK001-40077	J	10	16V	EL.	AF
C894	9DK001-42094	J	0.1	25V	Ceramic	AC
C895	9DK001-42094	J	0.1	25V	Ceramic	AC
C896	9DK001-42094	J	0.1	25V	Ceramic	AC
C897	9DK001-42094	J	0.1	25V	Ceramic	AC
C898	9DK001-42099	J	100p	50V	Ceramic	AC
C899	9DK001-42099	J	100p	50V	Ceramic	AC
C900	9DK001-42099	J	100p	50V	Ceramic	AC
C904	9DK001-42094	J	0.1	25V	Ceramic	AC
C905	9DK001-42094	J	0.1	25V	Ceramic	AC
C907	9DK001-42094	J	0.1	25V	Ceramic	AC
C908	9DK001-42096	J	0.01	50V	Ceramic	AC
C913	9DK001-42094	J	0.1	25V	Ceramic	AC
C916	9DK001-42094	J	0.1	25V	Ceramic	AC
C917	9DK001-42096	J	0.01	50V	Ceramic	AC
C918	9DK001-42096	J	0.01	50V	Ceramic	AC

RESISTORS

Ref. No.	Part No.	★			Description	Code
R10	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R11	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R16	9DK001-50198	J	1.69k	1.16W	Chip1608	AB
R17	9DK001-50210	J	33k	1/16W	Chip1608	AA
R18	9DK001-50199	J	2.15k	1/16W	Chip1608	AB
R19	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R21	9DK001-50149	J	0	1/16W	Chip1608	AB
R22	9DK001-50185	J	10k	1/16W	Chip1608	AA
R27	9DK001-50209	J	27k	1/16W	Chip1608	AA
R29	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R33	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R34	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R35	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R36	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R40	9DK001-50163	J	68	1/16W	Chip1608	AA
R43	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R44	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R50	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R51	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R57	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R58	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R62	9DK001-51029	J	10	1/16W	Resistor Array	AD
R65	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R75	9DK001-50149	J	0	1/16W	Chip1608	AB
R80	9DK001-50103	J	270	1/10W	Chip2125	AB
R83	9DK001-50149	J	0	1/16W	Chip1608	AB
R88	9DK001-50103	J	270	1/10W	Chip2125	AB
R91	9DK001-50149	J	0	1/16W	Chip1608	AB
R96	9DK001-50103	J	270	1/10W	Chip2125	AB
R121	9DK001-50065	J	47	1/4W	Chip3216	AF
R122	9DK001-50065	J	47	1/4W	Chip3216	AF
R123	9DK001-50256	J	1.6k	1/16W	Chip1608	AB
R124	9DK001-50237	J	1.0k	1/16W	Chip1608	AA
R128	9DK001-50150	J	10	1/16W	Chip1608	AA
R132	9DK001-50156	J	3.3k	1/16W	Chip1608	AB
R133	9DK001-50155	J	3k	1/16W	Chip1608	AB
R138	9DK001-50149	J	0	1/16W	Chip1608	AB
R140	9DK001-50149	J	0	1/16W	Chip1608	AB
R289	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R340	9DK001-50185	J	10k	1/16W	Chip1608	AA
R650	9DK001-50185	J	10k	1/16W	Chip1608	AA
R651	9DK001-51037	J	6.8k	1/16W	Resistor Array	AD
R652	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R654	9DK001-50204	J	150	1/16W	Chip1608	AA
R656	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R664	9DK001-50259	J	15k	1/16W	Chip1608	AA
R665	9DK001-50259	J	15k	1/16W	Chip1608	AA
R671	9DK001-50259	J	15k	1/16W	Chip1608	AA
R677	9DK001-50173	J	470	1/16W	Chip1608	AA
R678	9DK001-50254	J	1.2k	1/16W	Chip1608	AB
R680	9DK001-50155	J	3k	1/16W	Chip1608	AB
R681	9DK001-50155	J	3k	1/16W	Chip1608	AB
R682	9DK001-50254	J	1.2k	1/16W	Chip1608	AB
R687	9DK001-50173	J	470	1/16W	Chip1608	AA
R688	9DK001-50201	J	15	1/16W	Chip1608	AA
R689	9DK001-50173	J	470	1/16W	Chip1608	AA
R690	9DK001-50205	J	1.8k	1/16W	Chip1608	AA
R691	9DK001-50205	J	1.8k	1/16W	Chip1608	AA
R692	9DK001-50159	J	22	1/16W	Chip1608	AA
R693	9DK001-50159	J	22	1/16W	Chip1608	AA
R694	9DK001-50159	J	22	1/16W	Chip1608	AA
R695	9DK001-50159	J	22	1/16W	Chip1608	AA
R696	9DK001-50185	J	10k	1/16W	Chip1608	AA
R697	9DK001-50185	J	10k	1/16W	Chip1608	AA
R698	9DK001-50185	J	10k	1/16W	Chip1608	AA
R699	9DK001-50185	J	10k	1/16W	Chip1608	AA
R702	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R708	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R730	9DK001-50175	J	680	1/16W	Chip1608	AA
R731	9DK001-50271	J	620	1/16W	Chip1608	AA
R733	9DK001-50185	J	10k	1/16W	Chip1608	AA
R734	9DK001-50185	J	10k	1/16W	Chip1608	AA
R735	9DK001-50185	J	10k	1/16W	Chip1608	AA
R736	9DK001-50185	J	10k	1/16W	Chip1608	AA
R737	9DK001-50185	J	10k	1/16W	Chip1608	AA
R738	9DK001-50185	J	10k	1/16W	Chip1608	AA
R739	9DK001-50185	J	10k	1/16W	Chip1608	AA
R740	9DK001-50185	J	10k	1/16W	Chip1608	AA
R742	9DK001-50149	J	0	1/16W	Chip1608	AB
R743	9DK001-50205	J	1.8k	1/16W	Chip1608	AA
R745	9DK001-50149	J	0	1/16W	Chip1608	AB
R747	9DK001-50149	J	0	1/16W	Chip1608	AB
R749	9DK001-50149	J	0	1/16W	Chip1608	AB
R757	9DK001-50149	J	0	1/16W	Chip1608	AB
R758	9DK001-50149	J	0	1/16W	Chip1608	AB
R758	9DK001-50185	J	10k	1/16W	Chip1608	AA
R759	9DK001-50177	J	1k	1/16W	Chip1608	AA
R760	9DK001-50177	J	1k	1/16W	Chip1608	AA
R763	9DK001-50149	J	0	1/16W	Chip1608	AB
R764	9DK001-50149	J	0	1/16W	Chip1608	AB
R765	9DK001-50149	J	0	1/16W	Chip1608	AB
R867	9DK001-50217	J	510	1/16W	Chip1608	AA
R868	9DK001-50217	J	510	1/16W	Chip1608	AA
R869	9DK001-50217	J	510	1/16W	Chip1608	AA
R876	9DK001-50149	J	0	1/16W	Chip1608	AB
R877	9DK001-50185	J	10k	1/16W	Chip1608	AA
R879	9DK001-50149	J	0	1/16W	Chip1608	AB
R881	9DK001-50149	J	0	1/16W	Chip1608	AB
R883	9DK001-50149	J	0	1/16W	Chip1608	AB
R885	9DK001-50149	J	0	1/16W	Chip1608	AB
R887	9DK001-50149	J	0	1/16W	Chip1608	AB
R901	9DK001-50113	J	0	1/4W	Chip3216	AB
R911	9DK001-50121	J	10	1/10W	Chip2125	AB
R912	9DK001-50121	J	10	1/10W	Chip2125	AB
R920	9DK001-50165	J	100	1/16W	Chip1608	AA
R921	9DK001-50165	J	100	1/16W	Chip1608	AA
R922	9DK001-50185	J	10k	1/16W	Chip1608	AA
R924	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R925	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R926	9DK001-50149	J	0	1/16W	Chip1608	AB
R927	9DK001-50165	J	100	1/16W	Chip1608	AA
R928	9DK001-50165	J	100	1/16W	Chip1608	AA
R929	9DK001-50165	J	100	1/16W	Chip1608	AA
R930	9DK001-50165	J	100	1/16W	Chip1608	AA
R934	9DK001-51040	J	68	1/16W	Resistor Array	AD
R936	9DK001-51040	J	68	1/16W	Resistor Array	AD
R937	9DK001-51040	J	68	1/16W	Resistor Array	AD
R939	9DK001-51040	J	68	1/16W	Resistor Array	AD
R940	9DK001-51040	J	68	1/16W	Resistor Array	AD
R941	9DK001-51040	J	68	1/16W	Resistor Array	AD
R947	9DK001-51039	J	56	1/16W	Resistor Array	AD
R951	9DK001-51037	J	6.8k	1/16W	Resistor Array	AD

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Ref. No.	Part No.	★			Description	Code
R959	9DK001-51040	J	68	1/16W	Resistor Array	AD
R960	9DK001-51040	J	68	1/16W	Resistor Array	AD
R961	9DK001-51040	J	68	1/16W	Resistor Array	AD
R962	9DK001-51040	J	68	1/16W	Resistor Array	AD
R963	9DK001-51040	J	68	1/16W	Resistor Array	AD
R964	9DK001-51040	J	68	1/16W	Resistor Array	AD
R965	9DK001-51040	J	68	1/16W	Resistor Array	AD
R966	9DK001-51040	J	68	1/16W	Resistor Array	AD
R967	9DK001-51040	J	68	1/16W	Resistor Array	AD
R968	9DK001-51040	J	68	1/16W	Resistor Array	AD
R969	9DK001-51040	J	68	1/16W	Resistor Array	AD
R970	9DK001-51040	J	68	1/16W	Resistor Array	AD
R971	9DK001-51042	J	33	1/16W	Resistor Array	AD
R972	9DK001-51042	J	33	1/16W	Resistor Array	AD
R973	9DK001-51042	J	33	1/16W	Resistor Array	AD
R974	9DK001-51042	J	33	1/16W	Resistor Array	AD
R975	9DK001-51042	J	33	1/16W	Resistor Array	AD
R976	9DK001-51042	J	33	1/16W	Resistor Array	AD
R977	9DK001-50185	J	10k	1/16W	Chip1608	AA
R978	9DK001-50163	J	68	1/16W	Chip1608	AA
R979	9DK001-50149	J	0	1/16W	Chip1608	AB
R980	9DK001-50149	J	0	1/16W	Chip1608	AB
R993	9DK001-50149	J	0	1/16W	Chip1608	AB
R998	9DK001-50149	J	0	1/16W	Chip1608	AB
R999	9DK001-50217	J	510	1/16W	Chip1608	AA
R1000	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R1001	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R1002	9DK001-50165	J	100	1/16W	Chip1608	AA
R1003	9DK001-50165	J	100	1/16W	Chip1608	AA
R1004	9DK001-50177	J	1k	1/16W	Chip1608	AA
R1005	9DK001-50177	J	1k	1/16W	Chip1608	AA
R1006	9DK001-50179	J	2.2k	1/16W	Chip1608	AA
R1007	9DK001-50177	J	1k	1/16W	Chip1608	AA
R1008	9DK001-50177	J	1k	1/16W	Chip1608	AA
R1009	9DK001-50179	J	2.2k	1/16W	Chip1608	AA
R1011	9DK001-50210	J	33k	1/16W	Chip1608	AA
R1012	9DK001-50177	J	1k	1/16W	Chip1608	AA
R1013	9DK001-50161	J	47	1/16W	Chip1608	AA
R1015	9DK001-50161	J	47	1/16W	Chip1608	AA
R1017	9DK001-50161	J	47	1/16W	Chip1608	AA
R1019	9DK001-50179	J	2.2k	1/16W	Chip1608	AA
R1022	9DK001-50181	J	3.3k	1/16W	Chip1608	AA
R1023	9DK001-50181	J	3.3k	1/16W	Chip1608	AA
R1024	9DK001-50181	J	3.3k	1/16W	Chip1608	AA
R1025	9DK001-50149	J	0	1/16W	Chip1608	AB
R1026	9DK001-50169	J	220	1/16W	Chip1608	AA
R1027	9DK001-50169	J	220	1/16W	Chip1608	AA
R1028	9DK001-50169	J	220	1/16W	Chip1608	AA
R1029	9DK001-50190	J	1M	1/16W	Chip1608	AA
R1030	9DK001-50177	J	1k	1/16W	Chip1608	AA
R1031	9DK001-50186	J	22k	1/16W	Chip1608	AA
R1032	9DK001-50212	J	100k	1/16W	Chip1608	AA
R1033	9DK001-50177	J	1k	1/16W	Chip1608	AA
R1034	9DK001-50177	J	1k	1/16W	Chip1608	AA
R1035	9DK001-50212	J	100k	1/16W	Chip1608	AA
R1036	9DK001-50177	J	1k	1/16W	Chip1608	AA
R1037	9DK001-50186	J	22k	1/16W	Chip1608	AA
R1038	9DK001-50212	J	100k	1/16W	Chip1608	AA
R1042	9DK001-50177	J	1k	1/16W	Chip1608	AA
R1043	9DK001-50177	J	1k	1/16W	Chip1608	AA
R1044	9DK001-50177	J	1k	1/16W	Chip1608	AA
R1045	9DK001-50174	J	560	1/16W	Chip1608	AA
R1048	9DK001-50161	J	47	1/16W	Chip1608	AA
R1049	9DK001-50161	J	47	1/16W	Chip1608	AA
R1050	9DK001-50161	J	47	1/16W	Chip1608	AA
R1051	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R1052	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R1053	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R1054	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R1055	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R1056	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R1058	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R1059	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R1060	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R1061	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R1062	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R1077	9DK001-50207	J	6.8k	1/16W	Chip1608	AA
R1079	9DK001-51039	J	56	1/16W	Resistor Array	AD
R1082	9DK001-50159	J	22	1/16W	Chip1608	AA
R1083	9DK001-50177	J	1k	1/16W	Chip1608	AA
R1084	9DK001-50185	J	10k	1/16W	Chip1608	AA
R1085	9DK001-50207	J	6.8k	1/16W	Chip1608	AA
R1089	9DK001-50165	J	100	1/16W	Chip1608	AA
R1099	9DK001-50149	J	0	1/16W	Chip1608	AB
R1101	9DK001-51039	J	56	1/16W	Resistor Array	AD
R1102	9DK001-51039	J	56	1/16W	Resistor Array	AD
R1104	9DK001-50165	J	100	1/16W	Chip1608	AA
R1105	9DK001-50185	J	10k	1/16W	Chip1608	AA
R1107	9DK001-50177	J	1k	1/16W	Chip1608	AA
R1108	9DK001-50214	J	16k	1/16W	Chip1608	AB
R1110	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R1120	9DK001-50149	J	0	1/16W	Chip1608	AB
R1121	9DK001-50149	J	0	1/16W	Chip1608	AB
R1122	9DK001-50149	J	0	1/16W	Chip1608	AB
R1123	9DK001-50149	J	0	1/16W	Chip1608	AB
R1124	9DK001-50149	J	0	1/16W	Chip1608	AB
R1125	9DK001-50149	J	0	1/16W	Chip1608	AB
R1126	9DK001-50088	J	10	1/4W	Chip3216	AB
R1127	9DK001-50185	J	10k	1/16W	Chip1608	AA
R1128	9DK001-50161	J	47	1/16W	Chip1608	AA
FB15	9DK001-50110	J	0	1/10W	Chip2125	AB
FB18	9DK001-50110	J	0	1/10W	Chip2125	AB
FB19	9DK001-50110	J	0	1/10W	Chip2125	AB
FL1	9DK001-50110	J	0	1/10W	Chip2125	AB
FL98	9DK001-50080	J	33	1/10W	Chip2125	AB
FL99	9DK001-50110	J	0	1/10W	Chip2125	AB
FL102	9DK001-50110	J	0	1/10W	Chip2125	AB
FL110	9DK001-50110	J	0	1/10W	Chip2125	AB

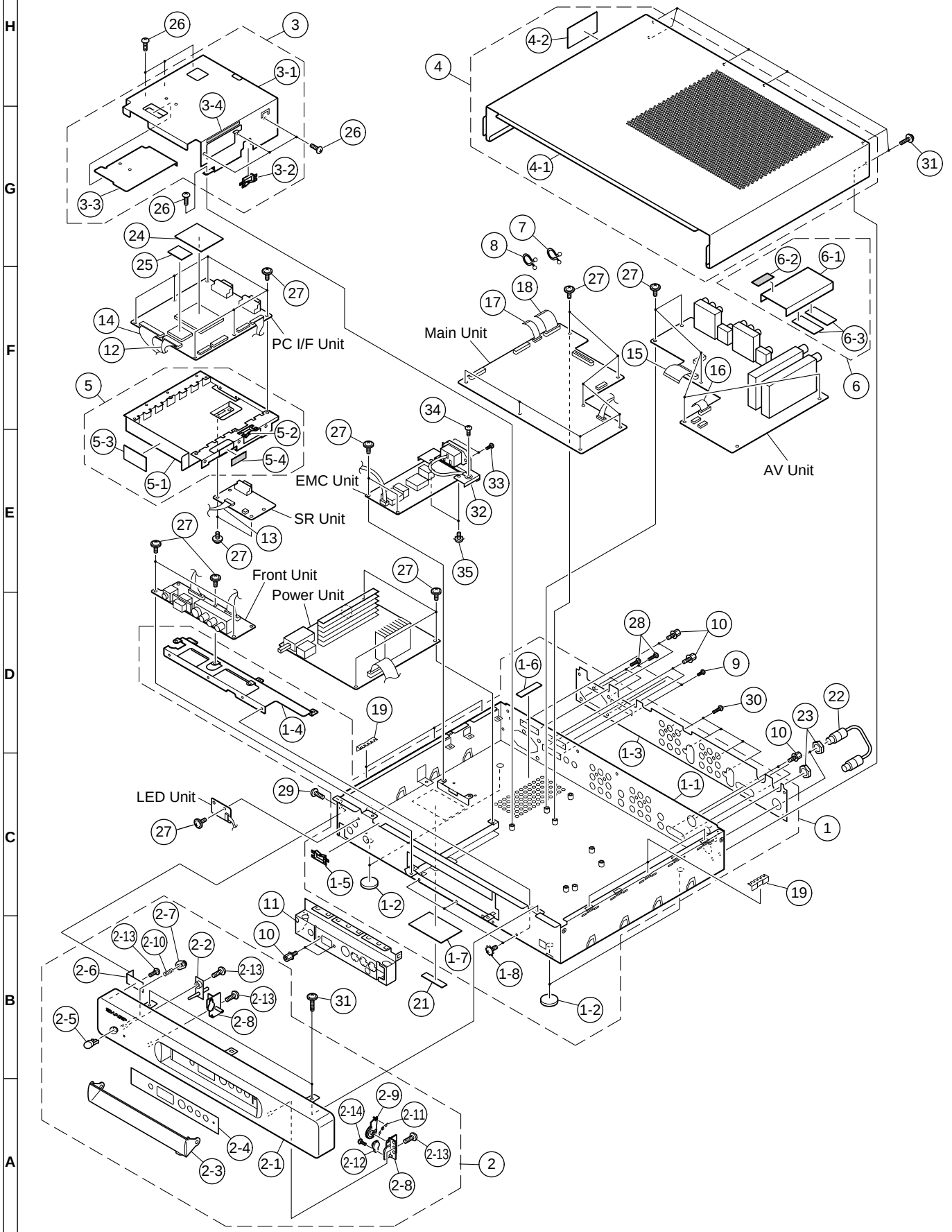
SWITCH

S1	9DK001-70012	J	Switch Slide	AL

MISCELLANEOUS PARTS

FB50	9DK001-81060	J	Ferrite Bead Chip2125	AF
FB51	9DK001-81060	J	Ferrite Bead Chip2125	AF
FB52	9DK001-81060	J	Ferrite Bead Chip2125	AF
FB53	9DK001-81060	J	Ferrite Bead Chip2125	AF
CN1	9DK001-60074	J	Connector, 15-pin	AL
CN3	9DK001-60053	J	Connector, 29-pin	AZ
CN5	9DK001-60066	J	Connector, JEY-9P-1A3F	AT
CN6	9DK001-60067	J	Connector, 30-pin	AK
CN7	9DK001-60058	J	Connector, 50-pin	AS
CN8	9DK001-60070	J	Connector, 12-pin	AH
CN9	9DK001-60071	J	Connector, 13-pin	AH

CABINET AND MECHANICAL PARTS



CABINET PARTS

Ref. No.	Part No.	★	Description	Code
1	CCABA3103CE03	J	Bottom Cabinet Ass'y (PZ-43MR2U)	BG
1	CCABA3103CE02	J	Bottom Cabinet Ass'y (PZ-50MR2U)	BF
1	CCABA3103CE04	J	Bottom Cabinet Ass'y (PZ-MR2T)	
1-1	*Not Available*	–	Bottom Cabinet	—
1-2	GLEGG9017CE00	J	Rubber Leg, x4	AC
1-3	HiNDP5935CESA	J	Indication Panel	AH
1-4	LANGT9035CEFW	J	PWB Fixing Angle	AM
1-5	LHLDW1021GE00	J	Holder	AB
1-6	QEARZA007WJZZ	J	Gascket	AG
1-7	TLABM4317CEZZ	J	Model Label (PZ-43MR2U)	AG
1-7	TLABM4316CEZZ	J	Model Label (PZ-50MR2U)	AG
1-7	TLABM4326CEZZ	J	Model Label (PZ-MR2T)	
1-8	XBPSD30P06R00	J	Screw, x3	AB
2	CWAKP1476CE01	J	Front Cabinet Ass'y	AZ
2-1	*Not Available*	–	Front Cabinet	—
2-2	GCOVA2034CEZZ	J	LED Cover	AF
2-3	GDORF3027CEKA	J	Door	AL
2-4	HiNDP5841CESA	J	Indication Panel	AF
2-5	JBTN-2074CEKA	J	Power Button	AE
2-6	LANGF9660CEFW	J	Fixing Metal	AE
2-7	LHLDZ2178CEZZ	J	Button Holder	AE
2-8	LHLDZ2179CEZZ	J	Damper Holder, x2	AD
2-9	LHLDZ2180CEZZ	J	Damper Holder	AD
2-10	MSPRC0210CEFW	J	Power Button Spring	AB
2-11	MSPRD0089CEFW	J	Spring	AC
2-12	PDMPF1007TAZZ	J	Damper	AF
2-13	XEBSD30P10000	J	Screw, x4	AA
2-14	XJBSD20P05000	J	Screw, x1	AA
3	CSLDM4688CE01	J	Shield Ass'y	AT
3-1	*Not Available*	–	Shield	—
3-2	LHLDW1021GE00	J	Holder	AB
3-3	PRDAR1567CEFW	J	Heat Sink	AM
3-4	PSPAH0720CEZZ	J	Spacer	AD
4	CCABB3079CE01	J	Top Cabinet Ass'y (PZ-43MR2U, PZ-50MR2U)	BB
4-1	*Not Available*	–	Top Cabinet (PZ-43MR2U, PZ-50MR2U)	—
4-1	GCABB3079CESA	J	Top Cabinet (PZ-MR2T)	BB
4-2	TCAUHA001WJZZ	J	Caution Label	AE
5	CANGT9033CE01	J	PWB Angle Ass'y	AV
5-1	*Not Available*	–	PWB Angle	—
5-2	LHLDW1021GE00	J	Wire Holder	AB
5-3	PSLDM0152CEZZ	J	Shield	AA
5-4	PSPAH0721CEZZ	J	Spacer	
6	CANGTA001WJ01	J	Angle Cover Ass'y	AR
6-1	*Not Available*	–	Angle Cover	—
6-2	PMLT-A001WJZZ	J	Spacer	AE
6-3	QEARZA010WJZZ	J	Earth Angle	AK
7	LHLDW1009CEZZ	J	Wire Holder, x3	AA
8	LHLDW1060CEZZ	J	Wire Holder, x1	AB
9	LX-BZ3434CEFN	J	Screw, x2	AB
10	NSFTZ0134CEFW	J	Shaft, x8	AD
11	PSLDM4692CEFW	J	Front Shield	AL
12	QCNW-6074CEZZ	J	Connecting Cord (FRONT - PC I/F)	AK
13	QCNW-6078CEZZ	J	Connecting Cord (SR - PC I/F)	AM
14	QCNW-6080CEZZ	J	Connecting Cord (MAIN - PC I/F)	AL
15	QCNW-6081CEZZ	J	Connecting Cord (MAIN - AV)	AD
16	QCNW-6082CEZZ	J	Connecting Cord (MAIN - AV)	AC
17	QCNW-6083CEZZ	J	FFC Cable (MAIN - PC I/F)	AD
18	QCNW-6084CEZZ	J	FFC Cable (MAIN - PC I/F)	AD
19	QEARZ0056CEFW	J	Earth Spring, x6	AC
20	GCOVH9308CEZZ	J	Cover	AA
21	TLABN0425CEZZ	J	Serial No. Label (PZ-43MR2U, PZ-50MR2U)	AG
22	QCNW-A342WJZZ		Coaxial Cable	AL
23	LX-NZ3047GEZZ	J	Nut, x3	AA
24	PSPAZ0464CEKZ	J	Spacer	AB
25	PSPAZ0465CEKZ	J	Spacer	AB
26	XBBSN30P06000	J	Screw, x7	AA
27	XBPSD30P06JS0	J	Screw, x30	AA
28	XBPSN30P06000	J	Screw, x4	AA
29	XBSSD30P06000	J	Screw, x1	AA
30	XEBSF30P08000	J	Screw, x4	AA
31	XJPSN30P08XS0	J	Screw, x8	AA
32	LANGK3000SNEZ	J	AC Inlet Angle	AL
33	XBSSF30P06000	J	Screw, x2	AA
34	XBPBN40P06K00	J	Screw	AB
35	LX-BZ1001SENZ	J	Screw, x2	AB

Ref. No.	Part No.	★	Description	Code

SUPPLIED ACCESSORIES

⚠	QACCDA007WJPZ		AC Cord	AP
	QCNW-6117CEZZ	J	System Cable	BP
	RRMCG1678CESA	J	Remote Control Unit	BP
	TiNS-7584CEZZ	J	Operation Manual (PZ-43MR2U, PZ-50MR2U)	AU
	TiNS-7656CEZZ	J	Operation Manual (PZ-MR2T)	

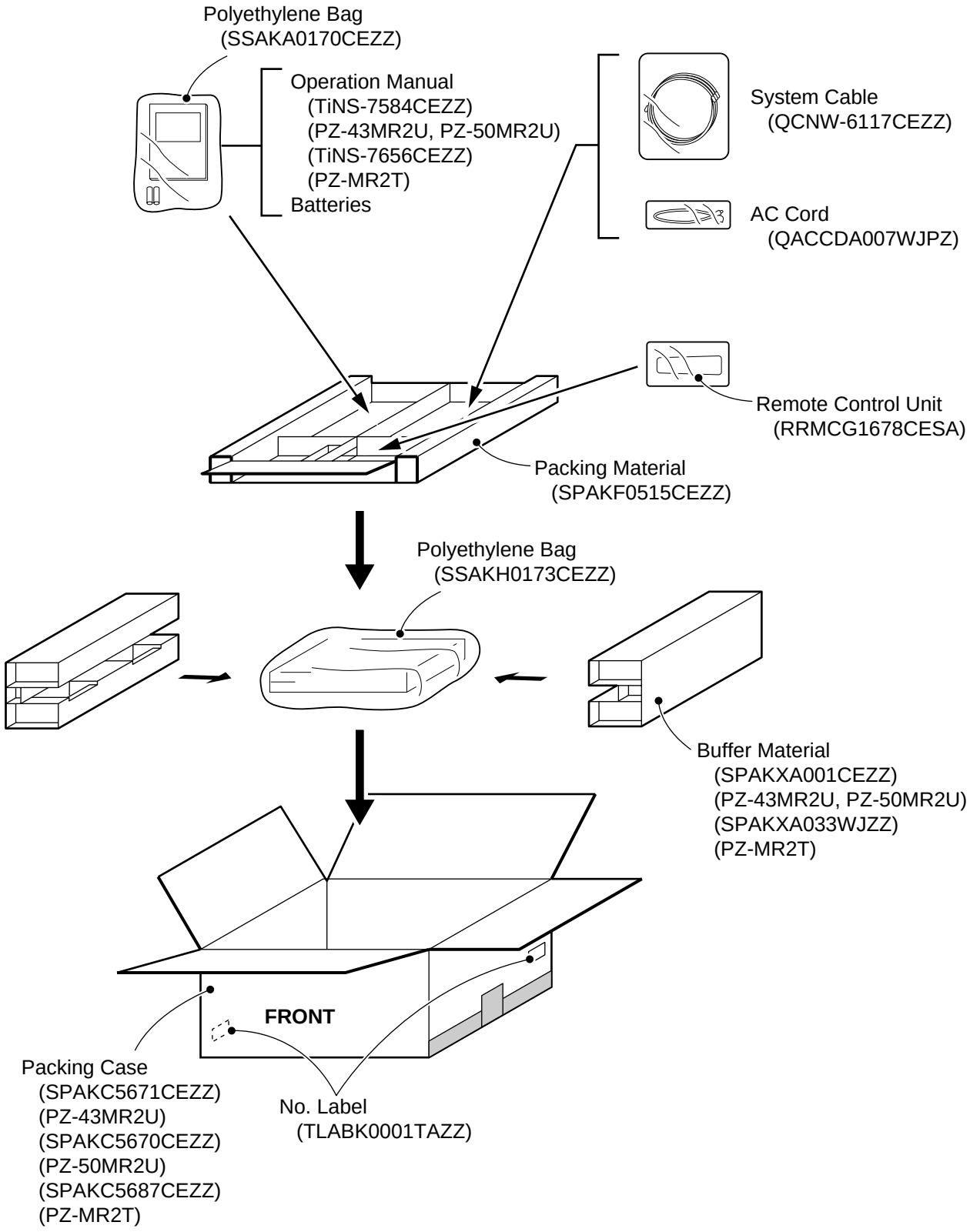
PACKING PARTS
(NOT REPLACEMENT ITEM)

SPAKF0515CEZZ	–	Packing Material	—
SPAKC5671CEZZ	–	Packing Case (PZ-43MR2U)	—
SPAKC5670CEZZ	–	Packing Case (PZ-50MR2U)	—
SPAKC5687CEZZ	–	Packing Case (PZ-MR2T)	—
SPAKXA001CEZZ	–	Buffer Material (PZ-43M2U, PZ-50MR2U)	—
SPAKXA033WJZZ	–	Buffer Material (PZ-MR2T)	—
SSAKA0170CEZZ	–	Polyethylene Bag	—
SSAKH0173CEZZ	–	Polyethylene Bag	—
TLABK0001TAZZ	–	No. Label	—

SERVICE JIGS
(Use for servicing)

QCNW-6099CEZZ	J	Connector, 30-pin (PC I/F-MAIN)	AD
QCNW-6100CEZZ	J	Connector, 50-pin (PC I/F-MAIN)	AE
QCNW-6101CEZZ	J	Connector, 4-pin (SR-AV)	AP
QCNW-6102CEZZ	J	Connector, 13-pin (PC I/F-FRONT)	AL
QCNW-6103CEZZ	J	Connector, 12-pin (PC I/F-MAIN)	AV

PACKING OF THE SET



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